

MALAYSIAN SUSTAINABLE PALM OIL 1st ANNUAL SURVEILLANCE ASSESSMENT Public Summary Report

Negri Sembilan Oil Palms Berhad
Client company Address:
Suite 2B-3A-2, Block 2B, Level 3A, Plaza Sentral, Jalan Stesen Sentral 5,
 Kuala Lumpur Sentral, 50470, Kuala Lumpur, Malaysia
Certification Unit:
1. Gula Estate Palm Oil Mill
2. Gula Estate
3. Maran Estate Palm Oil Mill
4. Maran Estate
5. Senama Estate
6. Ibam Estate
Location of Certification Unit:
1. Gula Estate Palm Oil Mill and Gula Estate
Eng Thye Plantations Berhad, Ladang Gula, 34350 Kuala Kurau, Perak, Malaysia
2. Maran Estate Palm Oil Mill and Maran Estate,
Timor Oil Palm Plantation Berhad, Maran Estate, Batu 4, Jalan Sekolah,
26500 Maran, Pahang, Malaysia
3. Senama Estate
Negri Sembilan Oil Palms Berhad, Ladang Senama, 72109 Bahau,
Negeri Sembilan, Malaysia
4. Ibam Estate
Negri Sembilan Oil Palms Berhad, Ladang Ibam, Lot 3351, Mukim Bebar,
Daerah Pekan, Pahang, Malaysia

Valence Shem (Lead Auditor)

Report Number: SMO 3091786

Assessment Conducted by:

BSI Services Malaysia, (DSM Accreditation Number: MSPO 09112018 CB 12) Suite 29.01 Level 29 The Gardens North Tower, Mid Valley City Lingkaran Syed Putra, 59200 Kuala Lumpur Tel +60392129638 Fax +60392129639 www.bsigroup.com

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Section 1: Executive Summary

1.1 Organizational Information and Contact Person							
Company Name	Negri Sembilan Oil Palms Berhad						
	MPOB License No.	Expiry Date					
	Gula Estate Palm Oil Mill: 500028-104	4000		31/03/2021			
	Gula Estate: 501490-802000			31/03/2021			
Mill/Estate	Maran Estate Palm Oil Mill: 500019-2	04000		31/03/2021			
	Maran Estate: 501560-202000	31/03/2021					
	Senama Estate: 501621-802000	30/11/2020					
	Ladang Ibam: 617859-002000	31/12/2020					
Address	Suite 2B-3A-2, Block 2B, Level 3A, Plaza Sentral, Jalan Stesen Sentral 5, Kuala Lumpur Sentral, 50470, Kuala Lumpur, Malaysia						
Certification Unit	 Gula Estate Palm Oil Mill Gula Estate Maran Estate Palm Oil Mill Maran Estate Senama Estate Ibam Estate 						
Contact Person Name	Ng Yeen Chern / Pua Siew Onn						
Website	www.nsop.com.my	E-mail	sopua@sinthye.com				
Telephone	03-2261 4633	Facsimile	03-2261 4	4733			

1.2 Certification Information							
Certificate Number	Mills: MSPO 712224 Estates: MSPO 712225						
Issue Date	Date 26/06/2019 Expiry date 25/06/2024						
Scope of Certification	Mills: Production of Sustainable Palm Oil and Palm Oil Products Estates: Production of Sustainable Oil Palm Fruits						
Standard	Mills: MS 2530-4:20 Estates: MS 2530-3 Smallholders		•	Mills Im Plantations and Organized			
Stage 1 Date		07-09/05/2019					
Stage 2 / Initial Assessm	nent Visit Date (IAV)	28-31/05/2019					
Continuous Assessment	Visit Date (CAV) 1	15-17/06 & 1	9-20/06/2020				



Continuous Assess	ment Visit Date (CAV) 2	NA			
Continuous Assess	ment Visit Date (CAV) 3	NA			
Continuous Assess	ment Visit Date (CAV) 4	NA			
Other Certifications					
Certificate Number	Standard((s)	Certificate Issued by	Expiry Date	
MSPO 720131	MSPO SCCS		BSI Services Malaysia Sdn. Bhd.	10/11/2024	

1.3 Location of Certification Unit							
Name of the Certification Unit	Site Address	GPS Reference of the site office					
(Palm Oil Mill/ Estate/ Smallholder/ Independent Smallholder)		Latitude	Longitude				
Gula Estate Palm Oil Mill	Eng Thye Plantations Berhad, Ladang Gula, 34350 Kuala Kurau, Perak, Malaysia	4.954158	100.469106				
Gula Estate	Eng Thye Plantations Berhad, Ladang Gula, 34350 Kuala Kurau, Perak, Malaysia	4.954158	100.469106				
Maran Estate Palm Oil Mill	Timor Oil Palm Plantation Berhad, Maran Estate, Batu 4, Jalan Sekolah, 26500 Maran, Pahang, Malaysia	3.634964	102.765808				
Maran Estate	Timor Oil Palm Plantation Berhad, Maran Estate, Batu 4, Jalan Sekolah, 26500 Maran, Pahang, Malaysia	3.634964	102.765808				
Senama Estate	Negri Sembilan Oil Palms Berhad, Ladang Senama, 72109 Bahau, Negeri Sembilan, Malaysia	2.762903	102.467811				
Ibam Estate	Negri Sembilan Oil Palms Berhad, Ladang Ibam, Lot 3351, Mukim Bebar, Daerah Pekan, Pahang, Malaysia	2.966678	103.238800				



1.4 Certified Area									
Estate	Total Planted (Mature + Immature) (ha)	HCV (ha)	Infrastructure & Other (ha)	Total Area (ha)	% of Planted				
Gula Estate	2,493.25	-	104.75	2,598.00	95.97				
Maran Estate	1,583.68	-	397.32	1,981.00	79.94				
Senama Estate	945.41	-	1.59	947.00	99.83				
Ibam Estate	2,144.00	-	36.00	2,180.00	98.35				
TOTAL	7,166.34	-	539.66	7,706.00					

Note: The total planted area is lesser by 6.66 Ha compare to previous assessment report due to an error in reporting the area statement for Ladang Ibam.

1.5 Plantings & Cycle

Fatata	Age (Years)					Matura	
Estate	0 - 3	4 - 10	11 - 20	21 - 25	26 - 30	Mature	Immature
Gula Estate	395.55	640.76	1,160.40	296.54	-	2,097.70	395.55
Maran Estate	297.21	331.63	-	925.58	29.26	1,286.47	297.21
Senama Estate	289.46	580.21	75.74	-	-	655.95	289.46
Ibam Estate	1,032.00	1,112.00	-	-	-	1,112.00	1,032.00
Total (ha)	2,014.22	2,664.60	1,236.14	1,222.12	29.26	5,152.12	2,014.22

1.6 Certified Tonnage of FFB

	Tonnage / year						
Estate	Estimated Actual		Forecast				
	(Jul 2019 - Jun 2020)	(Jul 2019 - May 2020)	(Jul 2019 - Jun 2021)				
Gula Estate	41,560	30,304.53	39,500.00				
Maran Estate	20,780	19,495.99	20,583.52				
Senama Estate	13,300	11,412.00	13,996.00				
Ibam Estate	21,770	20,606.42	25,480.00				
Total	97,410	81,818.94	99,559.52				
Note: Senama and Ibam estates do not send their FFB to neither Gula or Maran POM.							



1.7 Uncertified Tonnage of FFB

Estimated 019 - Jun 2020)	Actual (Jul 2019 - May 2020) 14.00 385.97 24.70	Forecast (Jul 2019 - Jun 2021)
)19 - Jun 2020)	14.00 385.97 24.70	(Jul 2019 - Jun 2021)
	385.97 24.70	
	24.70	
	1 466 40	
	1,466.40	
	879.62	
	439.04	
	81.85	
	147.30	
	136.60	
	3,575.48	
		81.85 147.30 136.60

1.8 Certified Tonnage

	Estimated (Jul 2019 - Jun 2020)	Actual (Jul 2019 - May 2020)	Forecast (Jul 2019 - Jun 2021)
Gula Estate POM	FFB	FFB	FFB
Guia Estate POM	41,560.00	30,304.53	39,500.00
Mill Capacity:	CPO (OER: 18.30%)	CPO (OER: 18.55 %)	CPO (OER: 18.00 %)
20 MT/hr	7,605.00	5,619.99	7,110.00
SCC Model:	PK (KER: 5.00%)	PK (KER: 4.52 %)	PK (KER: 4.50 %)
SG /MB	2,078.00	1,369.05	1,777.50
Maran Estate DOM	FFB	FFB	FFB
Maran Estate POM	20,780.00	19,495.99	20,583.52
Mill Capacity:	CPO (OER: 18.60 %)	¹ CPO (OER: 0.11%)	CPO (OER: 18.45 %)
20 MT/hr	3,865.08	22.00	3,797.66
SCC Model:	PK (KER: 5.00 %)	¹ PK (KER: 0.07%)	PK (KER: 5.00 %)
SG /MB	1,039.00	13.00	1,029.18



1.9 Actual CPO Sold Volume (mt)							
Mille	MSPO Certified	Other Scher	nes Certified	Conventional	Total		
Mills	MSPO Cel lineu	ISCC	RSPO				
Gula	0	0	0	5,619.99	5,619.99		
Maran	0	0	0	22.00	22.00		

1.10 Actual PK Sold Volume (mt)							
Mille	MSPO Certified	Other Schemes Certified		Conventional	Total		
Mills	MSPO Cel lineu	ISCC	RSPO	Conventional	TOLAT		
Gula	0	0	0	1,369.05	1,369.05		
Maran	0	0	0	13.00	13.00		

Section 2: Assessment Process

BSI is a leading global provider of management systems assessment and certification, with more than 80,000 certified locations and clients in over 190 countries. BSI Standards is the UK's National Standards Body. BSI provides independent, third-party certification of management systems.

Assessment Methodology, Programme, Site Visits

This on-site assessment was conducted from 15-17/06 & 19-20/06/2020. The audit programme is included in Section 2.3. The approach to the audit was to treat the Gula Estate Palm Oil Mill, Maran Estate Palm Oil Mill, Gula Estate, Maran Estate, Senama Estate and Ibam Estate as a MSPO Certification Unit. A range of environmental and social factors were covered. This includes consideration of topography, palm age, proximity to areas with HBVs, declared conservation areas and local communities.

The methodology for collection of objective evidence included physical site inspections, observation of tasks and processes, interviews of staff, workers and their families and external stakeholders, review of documentation and monitoring data. MS 2530-3:2013 and MS 2530-4:2013 were used to guide the collection of information to assess compliance. The comments made by external stakeholders were also taken into account in the assessment.

The estates or smallholders sample were determined based on formula $S = r\sqrt{n}$ where n is the number of estates while when applicable, the smallholders sample were determined following the MSPO Certification Requirement. The sampling of smallholders were based on the formula $(r\sqrt{n})$; where r is the risk factor (may defers 1, 1.5 and 2 depending on risk), where n is total number of group members. The sampled smallholder listed in Appendix C.

Meetings were held with stakeholders to seek their views on the performance of the company with respect to the MSPO requirements and aspects where they considered that improvements could be made. At the start of each meeting, the interviewer explained the purpose of the audit followed by an evaluation of the relationship between the stakeholder and the company before discussions proceeded. The interviewer recorded comments made by stakeholders and these have been incorporated into the assessment findings.

Structured worker interviews with male and female workers and staff were held in private at the workplace in the mill and the estates. Fieldworkers were interviewed informally in small groups in the field. In addition, the wives of workers and staff were interviewed in informal group meetings at their housing. Separate visits were made to each of the local communities to meet with the village head and residents. Company officials were not present at any of the internal or external stakeholder interviews. A list of Stakeholders contacted is included as Appendix B.

All the previous nonconformities are remains closed. The assessment findings for the initial assessment are detailed in Section 4.2.

This report is structured to provide a summary of assessment finding as attached in the Section 3. The assessment was based on random samples and therefore nonconformities may exist that have not been identified.

This report was externally reviewed by MSPO approved Peer Reviewer prior to certification decision by BSI.

The following table would be used to identify the locations to be audited each year in the 5 year cycle

Assessment Program					
Name (Mill / Plantation / Group smallholders)	Year 1 (Certification)	Year 2 (ASA 1)	Year 3 (ASA 2)	Year 4 (ASA 3)	Year 5 (ASA 4)
Gula Estate POM	Х	Х	Х	Х	Х
Gula Estate	Х	Х	x	Х	Х
Maran Estate POM	Х	Х	Х	Х	Х
Maran Estate	Х	Х	Х	Х	Х
Senama Estate	Х		Х		Х
Ibam Estate		Х		Х	

Tentative Date of Next Visit: May 24, 2021 - May 28, 2021

Total No. of Mandays: 10

2.1 BSI Assessment Team

Team Member Name	Role (Team Leader or Team member)	Qualifications (Short description of the team members)
Valence Shem (VSH)	Team Leader	He holds Bachelor Degree in Industrial Technology, graduated from University of Science Malaysia in 1998 and has 9 years working experience in oil palm plantation industry. He has been in the management system auditing line since 2009 for various standards such as ISO 140001, RSPO P&C, RSPO SCCS and SMETA. He completed the ISO 14001 Lead Auditor Course in 2008, ISO 9001 Lead Auditor Course in 2013, Endorsed RSPO P&C Lead Auditor Course in 2011, Endorsed RSPO SCCS Lead Assessor Course in 2012 and MSPO Awareness Training in 2014. He had been involved in RSPO auditing since 2009 in various companies in Malaysia. Able to communicate in Bahasa Malaysia and English.
Muhd Naqiuddin Mazeli (MNM)	Team Member	He holds Bachelor of Science Horticulture at University Putra Malaysia. He has 11 years working experience in oil palm plantation industry as sustainability team. Joining the sustainability team, he managed, implement and monitors the RSPO, ISCC, MSPO and ISO9001 and ISO 18001 certification requirements for the estates, mills, refineries and Smallholder scheme. He also

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support in providing training related to RSPO, MSPO and other certifications where applicable to the operations during previous company. He is a trained as Safety and Health Officer, Food Safety System (FSSC and ISO 22000) for Mill and refineries, ISO 9001, ISO 45001 and already attend HCV training with Proforest. During this assessment, he assessed on the aspects of legal, mill best practices, estate best practices, safety and health, environmental and workers and stakeholders
environmental and workers and stakeholders consultation.

2.2 Accompanying Persons

No.	Name	Role
	Nil	

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2.3 Assessment Plan

The Assessment plan was sent to the client prior to the assessment.

Date	Time	Subjects		MNM
	0830-0900	 Opening meeting: Opening presentation by audit team leader Confirmation of assessment scope and finalize audit plan (including stakeholder's consultation) 	✓	~
	0900-1230	Ibam Estate Field visit, boundary inspection, field operations, staff & workers interview, buffer zone, HCV area, IPM implementation, OSH & ERP, workshop, storage area (agrochemical, fertilizer, lubricant etc.), agrochemical mixing area, Scheduled wastes management, workers housing, clinic, Landfill, etc.		
Manday	1000-1200	Stakeholder consultation	\checkmark	-
Monday 15/6/2020	1230-1330	Lunch break		
	1330-1630	Ibam Estate Document review P1 – P7 (MSPO Part 3): General Documentation e.g. Legal, Manual and Procedure, production & monitoring records, IPM & HCV records, SEIA documents & records, OSH records, review pay documents, records of communication with stakeholder/workers representatives, new planting, CIP and implementation etc.	✓	~
	1630-1700	Interim closing briefing	\checkmark	~
	1700 Audit team travels to Temerloh			
	0900-1230	Maran Estate Field visit, boundary inspection, field operations, staff & workers interview, buffer zone, HCV area, IPM implementation, OSH & ERP, workshop, storage area (agrochemical, fertilizer, lubricant etc.), agrochemical mixing area, Scheduled wastes management, workers housing, clinic, Landfill, etc.	✓	v
	1000-1200	Stakeholder consultation	\checkmark	-
Tuesday	1230-1330	Lunch break		
16/6/2020	1330-1630	Maran Estate Document review P1 – P7 (MSPO Part 3): General Documentation e.g. Legal, Manual and Procedure, production & monitoring records, IPM & HCV records, SEIA documents & records, OSH records, review pay documents, records of communication with stakeholder/workers representatives, new planting, CIP and implementation etc.	✓	~
	1630-1700	Interim closing briefing	\checkmark	~
Wednesday	0900-1230	Maran POM Inspection: FFB receiving, warehouse, workshop, wastes management & Landfill, Effluent Ponds, OSH & ERP, Environment issues, POME application, water treatment, staff, workers and contractor interview, housing and facility inspection, clinic, meeting stakeholders, etc.	✓	~
17/6/2020	1000-1200	Stakeholder consultation	\checkmark	-
	1230-1330	Lunch break		

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Date	Time	Subjects	VSH	MNM
1330-1630		Maran POM Document Review P1 – P6 (MSPO Part 4): SOPs, Review on SEIA documents and records, wage records, employee data, training records, legal permits, mill inspection and internal monitoring records, CIP & implementation, etc.	~	~
	1630-1700 Interim closing briefing		\checkmark	~
	1700	MNM travels to Kuala Kurau	-	~
Thursday 18/6/2020	0900-1700	<i>Refer to MSPO SCCS assessment plan</i> At 1700 hr, VSH travels to Kuala Kurau	\checkmark	~
	0900-1230	Gula POM Inspection: FFB receiving, warehouse, workshop, wastes management & Landfill, Effluent Ponds, OSH & ERP, Environment issues, POME application, water treatment, staff, workers and contractor interview, housing and facility inspection, clinic, meeting stakeholders, etc.	✓	~
	1000-1200	Stakeholder consultation	✓	-
Friday 19/6/2020	1230-1430	Lunch break & Friday prayer		
	1430-1630	<u>Gula POM</u> Document Review P1 – P6 (MSPO Part 4): SOPs, Review on SEIA documents and records, wage records, employee data, training records, legal permits, mill inspection and internal monitoring records, CIP & implementation, etc.	~	~
1630-1700		Interim closing briefing	\checkmark	~
	0900-1230	<u>Gula Estate</u> Field visit, boundary inspection, field operations, staff & workers interview, buffer zone, HCV area, IPM implementation, OSH & ERP, workshop, storage area (agrochemical, fertilizer, lubricant etc.), agrochemical mixing area, Scheduled wastes management, workers housing, clinic, Landfill, etc.	✓	~
	1000-1200	Stakeholder consultation	\checkmark	-
Saturday	1230-1330	Lunch break		
20/6/2020	1330-1600	<u>Gula Estate</u> Document review P1 – P7 (MSPO Part 3): General Documentation e.g. Legal, Manual and Procedure, production & monitoring records, IPM & HCV records, SEIA documents & records, OSH records, review pay documents, records of communication with stakeholder/workers representatives, new planting, CIP and implementation etc.	✓	~
	1600-1630	Audit team discussion & preparation for closing meeting	\checkmark	~
	1630-1700	Closing meeting	✓	✓

Section 3: Assessment Findings

3.1 Details of audit results

This assessment has been assessed using the following MSPO normative requirements. The assessment details are provided in Appendix A.

□ MSPO MS 2530-2:2013 – General Principles for Independent Smallholders

MSPO MS 2530-3:2013 – General Principles for Oil Palm Plantations and Organized Smallholders

⊠ MSPO MS 2530-4:2013 – General Principles for Palm Oil Mills

3.2 Details of Nonconformities and Opportunity for improvement

The nonconformity is listed below.

During the Certification Assessment there were zero (0) Major, two (2) Minor nonconformities and 2 OFIs raised. The Negri Sembilan Oil Palms Berhad Certification unit submitted Corrective Action Plans for the nonconformity. Corrective action plans with respect to the nonconformity was reviewed by the BSI audit team and accepted.

The implementation of the corrective action plans to address the minor nonconformity will be followed up during the next surveillance assessment. The implementation of the Corrective Actions for the Major Non-conformity(ies) has been verified for its effectiveness and closed accordingly.

Minor Nonconformities:				
Ref:	Area/Process: Gula estate and Ibam estate	Clause:		
1918270-202001-N1		MS 2530:2013 Part-3, 4.5.4.2		
	Issue Date: 20/6/2020	Due Date:		
	Issue Date: 20/6/2020	Next ASA		
Requirements:	An action plan to reduce identified significan established and implemented.	t pollutants and emissions shall be		
Statement of Nonconformity:	Found the action plan to reduce pollution was inadequately implemented			
Objective Evidence:	 i) In Gula estate, during the site verification, it was found that oil trace at workshop (land contamination) and oil trace in monsoon drain near workshop flowing directly to water irrigation ii) Found several empty chemical containers and used PPE in dumping area at Ibam estate (15C) and Gula estate (wastes collection centre) 			
Corrections:	Gula Estate - The estate already budgeted for oil trap and resurface of workshop in Estate Capital Expenditure 2020. The estate will seek immediate approval from top management to construct the oil trap and resurface the workshop. - Chemical containers had been collected at the chemical premix area for triple rinsing and puncturing and stored in scheduled waste store. Ladang Ibam			

	Removed above mentioned items and sent to SW store for storage and proper disposal.	
Root cause analysis:	Gula Estate - Oil traces found on workshop floor and monsoon drain very likely due to accidenta discharge of residual diesel or hydraulic oil during repair and maintenance of agricultural machinery. Furthermore, as there were inadequate oil traps, some oil ma have been washed into the drains.	
	- Leakage of SW out of disposal system due to inadequate training of workers.	
	Ladang Ibam	
	The disposal of the empty chemical containers and used PPE at the dump site was accidental and not systematic. The estate had been disposing of SW409 and SW410 properly.	
Corrective Actions:	Gula Estate - To conduct refresher Waste Management training / awareness to all personnel annually. Training conducted on 29 June 2020.	
	- The Management Company's Safety and Health Department will conduct a review of SW disposal practices and processes in Gula Estate.	
	Ladang Ibam	
	Review training plan on SW disposal for all workers and staff and strengthen monitoring of SW waste disposal.	
Assessment Conclusion:	The correction and corrective action are accepted. The evidence of effective implementation shall be verified in the next assessment visit.	

Minor Nonconformities:				
Ref: 1918270-202001-N2	Area/Process: Gula Estate POM and Maran Estate POM	Clause: MS 2530:2013 Part-4, 4.5.3.3		
	Issue Date: 20/6/2020	Due Date: Next ASA		
Requirements:	The palm oil mill management shall establish Standard Operating Procedure for handling of used chemicals that are classified under Environmental Quality Regulations (Scheduled Waste) 2005, Environmental Quality Act, 1974 to ensure proper and safe handling, storage and disposal. Scheduled waste shall be disposed as per Environmental Quality Act 1974 (Scheduled Waste) Regulations, 2005			
Statement of Nonconformity:	Found the handling on scheduled waste inadequately implemented			
Objective Evidence:	 i) In Maran estate POM, it was found that scheduled wastes (SW 322) was not included in the notification to the DOE and in inventory records (5th Schedule) as well ii) In Gula estate POM, it was found that empty chemical containers and used spill kit (SW 410) were thrown at the boiler ash dumping area. iii) There is no evidence that training on scheduled wastes handling has been conducted in Ladang Gula POM. 			
Corrections:	Gula Estate POM			

	 The empty chemical containers and used spill kit (SW410) had been collected and kept in scheduled waste store. <u>Maran Estate POM</u> We have immediately registered Code SW 322 and updated inventory in DOE's eSWIS.
Root cause analysis:	<u>Gula Estate POM</u> As a result of inadequate training for workers, some workers dumped a few empty mill chemical containers and used spill kit inappropriately.
	<u>Maran Estate POM</u> Company's SOP for Palm oil Mills ver 3.0 - released 2019, D-1.6 List of Identified scheduled wastes Generated, Page 182 included various scheduled wastes. Laboratory waste was supposed to have been disposed of as Code SW 422 - A mixture of scheduled and non-scheduled wastes. This was thought to be a practical code for disposal of small quantities of wastes including laboratory wastes.
Corrective Actions:	 Gula Estate POM To conduct refresher Waste Management training / awareness to all personnel annually. The Management Company's Safety and Health Department will conduct a review of SW disposal practices and processes in Gula Estate. Maran Estate POM
	The COO and Chief Engineer will review the SOP for SW disposal in the POM to determine if SW disposal is adequate.
Assessment Conclusion:	The correction and corrective action are accepted. The evidence of effective implementation shall be verified in the next assessment visit.

Opportunity For Improvement			
Ref:	Area/Process:	Clause:	
1918270-202001-I1	Estate	MS 2530:2013 Part-3, 4.4.5.4	
Objective Evidence: The enforcement of the harvesting rate paid by the contractors to their employees can be further enhanced.			

Opportunity For Improvement		
Ref:	Area/Process:	Clause:
1918270-202001-I2	Estate	MS 2530:2013 Part-3, 4.4.5.11
Objective Evidence:	The implementation of the "Staff & Labour Quarters Inspection" [doc. no.: MSPO-P4-4-8] can be further improved to ensure the results accuracy of the evaluation criteria.	

Noteworthy Positive Comments			
1	Good relationship being maintained with surrounding communities.		
2	2 Mill continues to maximize the use of renewable energy by using fibre and shell which produced through		
	internal process for boiler biofuel.		
3	3 Good cooperation from the management team in facilitation the assessment.		

3.3 Status of Nonconformities Previously Identified and OFI

Major Nonconformities:		
Ref:	Area/Process: Estates	Clause:
1774852-201905-M1		MS 2530:2013 Part-3, 4.4.5.9
	. .	Due Date:
	Issue Date: 31/5/2019	Closed on 17/6/2019
Requirements:	Wages and overtime payment documented on the pay slips shall be in line with legal regulations and collective agreements.	
Statement of Nonconformity:	The detail wages/overtime payment and/or deduction/company contribution on pay sheet was not in line with legal regulations and collective agreements.	
Objective Evidence:	Maran Estate: Payslips for the month of Sep – Dec 2018 and Jan – Apr 2019 were not available for the following harvesting check roll employee: - Workers ID # 04164; Type: Harvester; Date joined: 28/2/2018; Nationality:	
	Indonesia - Only Payment Voucher (Sample # B36/1/19; I Senama Estate:	
	 Wages payment found not in line with legal regulations and collective documented on pay slip as per following samples: Employee # 03044; Daily Worker ND (Normal Day) Pay = 29; instead of RD for April 2019 wages Employee # 03061; Daily Worker ND (Normal Day) Pay – 29; instead of RD for April 2019 wages 	
Corrections:	 With respect to objective evidence for Maran Estate An immediate attempt was made to utilise the PIMS payroll system for payslip generation. The Chief Clerk referred to her colleague in a sister company for assistance but encountered some technical difficulties. As an alternative, the estate is now using a new pay statement/pay slip (which is in full compliance with regulatory requirements) for workers developed by our management Company, Sin Thye Management (STM). This new pay statement has been provided to Saepuddin (Employee ID. 04164) for the month of April and May. With respect to objective evidence for Senama Estate The normal rate of pay for each worker was RM42.31 per day as daily rated workers. Both workers were paid for work done on rest day. As they worked for not more than half of normal hours of work on their rest day, they were paid one day's wages. Furthermore, the payslips of both workers have been amended and re-issued 	
Root cause analysis:	 With respect to objective evidence for Maran Estate The estate has been practicing manual issuance of payment vouchers to harvesters. The manual checkroll system is prepared by Field Conductor and verified by the Assistant Manager before approval by the Estate Manager. Workers acknowledge their receipt of pay via a pay sheet and payment voucher. With respect to objective evidence for Senama Estate These two workers were assigned to carry out watering works in OP Nursery: 	
	Agus (Employee No. 03044) 8.00 am - 11.00 am (3 Hours)	

	Suparman (Employee No. 03061)	
	3.00 pm - 6.00 pm (3 Hours)	
Corrective Actions:	With respect to objective evidence for Maran Estate As above. Will also solicit the assistance of STM to address the possibility of using PIMS for	
	Will also solicit the assistance of STM to address the possibility of using PIMS for payroll generation. If that is not possible, we shall utilise STM's pay statement/ pay slip for all workers from May 2019.	
	With respect to objective evidence for Senama Estate	
	For transparency and the avoidance of doubt, Estate will indicate pay for work done on rest day and public holidays clearly for the nursery workers instead of the current practice.	
	The following documents are essential elements of the process to ensure the workers records are correctly recorded.	
	Pocket Checkroll – will indicate day worked and hours worked. Attendance taken by Field Conductors and approved by Manager.	
	Time Card – worker will indicate the hours worked daily. Verified by the field conductors and approved by the Manager.	
Assessment Conclusion:	All the evidence of correction and corrective action were found to be adequate.	
	The Major NC was closed on 17/06/2019	
Verification Statement	Based on the sampled pay slips, the wages were made in accordance to legal requirements and contract agreement. There was no recurrence of non-conformity. Thus, the NCR remains closed.	

Major Nonconformities:		
Ref:	Area/Process: Estates	Clause:
1774852-201905-M2		MS 2530:2013 Part-3, 4.5.3.3
	Issue Date: 31/5/2019	Due Date:
	13506 Date: 51/5/2019	Closed on 17/6/2019
Requirements:	The management shall establish Standard Operating Procedure for handling of used chemicals that are classified under Environment Quality Regulations (Scheduled Waste) 2005, Environmental Quality Act, 1974 to ensure proper and safe handling, storage and disposal.	
Statement of Nonconformity:	The waste management procedure was not effectively implemented	
Objective Evidence:	Gula Estate The scheduled waste were stored more than 180 days without any approval from DOE. Sighted the last disposal records for SW as follows: i. SW 305, C/N no. 2018032210M4AKCI dated 22/3/2018. No disposal records since last disposal until the audit day. ii. SW 404 were send to Klinik Kesihatan Kuala Gula for disposal. The last 2 disposal was done on 7/11/2017 and 24/4/2019. The storage of SW 404 were stored more than 180 days without any approval from DOE as per records in 'Buku Rekod Sharp Bin, Klinik Ladang Gula.' Senama Estate The scheduled waste generated was not notified to DOE within 30 days the wastes are generated.	

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The waste inventory records for the month of April 2019 were not notified to DOE as the estate has yet to register with E-SWISS.	
With respect to objective evidence for Gula Estate	
We have appointed a licensed Scheduled Waste disposer to dispose of scheduled waste SW305.	
We shall ensure SW404 is disposed of within 180 days going forward.	
With respect to objective evidence for Senama Estate	
Teleconversation with DOE officer for Negeri Sembilan, Cik Shafiqah on 3rdJune 2019 (Monday) directed Senama Estate to contact DOE officer in charge of Jempol District, Puan Haslinda and Encik Khairi. These officers promised to visit Senama Estate in June 2019 in order to verify type of waste and volume followed by registration. The officers were unable to provide the DOE File Reference Number for us to start the self-registration process until they have visited the Estate.	
With respect to objective evidence for Gula Estate.	
Failure to dispose SW305 since March 2018 as estate management intended to	
accumulate enough quantities as scheduled waste collectors were unwilling to dispose of such small quantities.	
While the estate had communicated with the scheduled waste disposers, there was no communication with HQ to raise the problem and HQ also failed to adequately monitor the records to ensure compliance with the law. Failure to dispose SW 404 within the requirement of 180 days was due to the very low volume of clinical waste generated.	
With respect to objective evidence for Senama Estate	
Delay in registration via eSWIS for disposal of scheduled waste.	
With respect to objective evidence for Gula Estate To strictly abide by the Company's policy MSPO-P5-C3, in particular Appendix 1C - Scheduled Waste Disposal Procedure (Supplement) –Industrial (Palm Oil Mill and Estate). The scheduled waste shall be disposed off within 180 days going forward. If we anticipate that we may exceed the 180 days threshold, we shall apply to DOE for an extension. Currently, the estate has been instructed to contact a scheduled waste disposer that is servicing a neighbouring cluster of other estates from another company. As these estates generate adequate quantities of scheduled waste in aggregate and these estates are prompt in their disposal, appointing their scheduled waste disposer could allow the Estate to promptly dispose of scheduled waste. The Group Health and Safety Officer shall also review scheduled waste disposal records during his regular estate visits. To appoint and train the storekeeper as the Person-in-Charge (PIC) to assist the POM Engineer (qualified CePSWaM) to monitor the management of Scheduled Waste. With respect to objective evidence for Senama Estate	
Estate will promptly proceed to eSWIS registration for all scheduled waste after	
Estate will promptly proceed to eSWIS registration for all scheduled waste after verification by DOE officers.	



The Inventory of scheduled waste file reference no: A31/152/000/014 for May 2020. From the inventory was available for SW 305, 322 and 410. The disposal was done by SL Recycling (M) Sdn Bhd (Kanthan). Sampling the consignment note for SW 305 No: 2019123115U3BZKC dated 31/12/2019. The license of SL recycling (M) Sdn Bhd (license no: 004194) available for review. The competent person available in Gula estate POM (no Siri: CePSWaM/185300)

Minor Nonconformities:		
Ref:	Area/Process: Estates	Clause:
1774852-201905-N1		MS 2530:2013 Part-3, 4.4.5.11
	Louis Date: 21/5/2010	Due Date:
	Issue Date: 31/5/2019	Closed on 20/6/2020
Requirements:	In cases where on-site living quarters are provided, these quarters shall be habitable and have basic amenities and facilities in compliance with the Workers' Minimum Standards Housing and Amenities Act 1990 (Act 446) or any other applicable legislation.	
Statement of Nonconformity:	The housing area not fully in compliance with the Worker's Minimum Standards Housing and Amenities Act 1990 requirement.	
Objective Evidence:	Gula Estate Evidence that he requirements for perimeter drains around each dwelling or block of dwellings including all outlet drains are kept in a good state of repair and clear of refuse or undergrowth to permit free flow of water was not met at the drain near house # L24 within the workers housing area.	
Corrections:	To clean and remove undergrowth in the drains.	
Root cause analysis:	The drain was due for cleaning in the labour quarter maintenance schedule but was delayed due to other field matters.	
Corrective Actions:	To adhere to the labour quarters maintenance schedule.	
	Estate has transited to using the SOP (previously in book form): "MSPO Staff and Labour Quarters Inspection (form)" weekly, which covers shared areas like drains etc.	
Assessment Conclusion:	ssessment Conclusion: All the corrective action were found to be adequate. Effectiveness of the implementation will be confirm on next assessment visit	
Verification Statement	Based on site visit of the workers housing, the undergrowth had been cleaned up. This issue is also covered during weekly housing inspection and recorded. The implementation of the corrective action was found to be effective to close the NCR.	

Minor Nonconformities:		
Ref:	Area/Process: Estates	Clause:
1774852-201905-N2		MS 2530:2013 Part-3, 4.4.5.13
	Issue Date: 31/5/2019	Due Date:
		Closed on 20/6/2020
Requirements:	The management shall respect the right of all employees to form or join trade union and allow workers own representative(s) to facilitate collective bargaining in	

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[accordance with applicable laws and regulations. Employees shall be given the freedom	
	to join a trade union relevant to the industry or to organize themselves for collective bargaining. Employees shall have the right to organize and negotiate their work conditions. Employees exercising this right should not be discriminated against or suffer repercussions.	
Statement of Nonconformity:	Union membership payment conditions not met by employer	
Objective Evidence:	Gula Estate: Union payment subsidy as per MAPA/NUPW Field and Other General Employees and Fringe Benefits Agreement, 2015; Agree Note No. 2-Irrevocable Agreement between MAPA and NUPW on NUPW/AIA Personal Accident Group Scheme; MAPA Circular No. 22/2015; Dated 4/8/2015 & Memo by Plantation Administration & Procurement Controller; Dated 14/8/2015 & Letter by Director; Dated 13/8/2015 was not followed/met.	
Corrections:	Estate has written to the COO and the Chief Administrator to report the problem and will reimburse the workers for the premium that they had borne.	
Root cause analysis:	Estate Management received memos from MAPA and our Management Company but did not act accordingly in 2015. There was an inadequate process of review of changes to laws and regulations at the Estate as omission by Estate Management was not picked up by any other staff. Furthermore, there was no subsequent review by HQ of whether Estate Management complied with the requirement.	
Corrective Actions:	To improve vigilance with respect to amendments in the MAPA/NUPW Agreement. Ensure memos/agreements from MAPA/NUPW are directed to estate Legal Officer Mr. Pannirselvan for compliance, aside from being reviewed by the Estate Manager and Assistant Manager.	
	Engagement with NUPW representative(s) whenever visits are made to the estates.	
	HQ will look into compliance to laws and regulations as part of MSPO Internal Audit.	
Assessment Conclusion:	 All the corrective action were found to be adequate. Effectiveness of the implementation will be confirm on next assessment visit 	
Verification Statement	All the affected employees have been reimbursed on 19/7/2019 and the payments were documented with the acknowledgement of receipt signature of the employees. The implementation of the corrective action was found to be effective to close the NCR.	

Minor Nonconformities:		
Ref:	Area/Process: Estates	Clause:
1774852-201905-N3		MS 2530:2013 Part-3, 4.4.6.2
	Locus Date: 21/5/2010	Due Date:
	Issue Date: 31/5/2019	Closed on 20/6/2020
Requirements:	Training needs of individual employees shall be identified prior to the planning and implementation of the training programmes in order to provide the specific skill and competency required to all employees based on their job description.	
Statement of Nonconformity:	The training need analysis conducted were not covered all estate employee and contractors	
Objective Evidence:	Gula Estate The estate has conducted the training need analysis to identify the training needs for all the employees and contractors. However, the training need analysis not cover all job designation in the estate. The training need analysis only covers the field drivers only.	

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Corrections:	TNA shall be prepared for all employees/groups of employees with specific vocations.	
Root cause analysis:	Gula Estate Management failed to understand that the Standards required that TNA must be carried out for all Employees.	
Corrective Actions:	Shall abide by the Company's SOP MSPO-P4-C6 Training Procedure which is comprehensive and indicates that training needs of all individuals shall be assessed.	
Assessment Conclusion: All the corrective action were found to be adequate.		
	Effectiveness of the implementation will be confirm on next assessment visit	
Verification Statement	The TNA already been done yearly basis, sighted the training need analysis was available ad cover all job designation. The training need was available in personal file record. The NCR was close accordingly	

Minor Nonconformities:		
Ref: 1774852-201905-N4	Area/Process: Estates	Clause: MS 2530:2013 Part-3, 4.4.4.2
	Issue Date: 31/5/2019	Due Date: Closed on 20/6/2020
Requirements:	e) The management shall establish Standard Operating Procedure for handling of chemicals to ensure proper and safe handling and storage in accordance to Occupational Safety Health (Classification Packaging and Labeling) Regulation 1997 and Occupational Safety Health (Use and Standard of Exposure of Chemical Hazardous to Health) Regulation 2000	
Statement of Nonconformity:	The SOP for chemical handling was not effectively implemented	
Objective Evidence:	Maran Estate During interview with the field supervisor, it was noted that the chemical premix was not effectively conducted at the premix area. The chemical was diluted in 4 Litter chemical container. The chemical premixing was conducted in the field using the diluted chemical. It was against the Safety Work Procedure Using Chemical and Safety Work Procedure at Premix Area established.	
Corrections:	Immediate cessation of pre-mixing in the field.	
Root cause analysis:	Ineffective understanding of the importance of the chemical premix SOP and tendency to favour convenience rather than compliance.	
Corrective Actions:	Schedule training program with our Group Safety Officer for proper safe working procedure using chemical and safe work procedure at premix area. Shall also arrange training program with STM's Agriculture Development Department (ADD) for appropriate chemical usage & dilution dosage. The above training shall be documented as per Company's MSPO Procedure MSPO- P4-C6 "Training Procedure".	
Assessment Conclusion:	All the corrective action were found to be adequ	
	Effectiveness of the implementation will be confirm on next assessment visit	
Verification Statement	As per verification in Field 96E by interview with the mandores and premix workers verified they will mix the chemical on evening for next day spraying at premix area. they aware regarding to this matters. Last training record was on 8 Oct 2019.	

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	Minor Nonconformities:				
Ref: 1774852-201905-N5	Area/Process: Estates	Clause: MS 2530:2013 Part-3, 4.4.6.3			
	Issue Date: 31/5/2019	Due Date: Closed on 20/6/2020			
Requirements:	A management plan to comply with Indicator : implemented, if required.	I shall be established and effectively			
Statement of Nonconformity:	Biodiversity management plan was not effectivel	y implemented			
Objective Evidence:	Senama Estate The estate has established Biodiversity Management Plan. In the plan stated the estate promote the prohibition of illegal hunting and ownership any wildlife. The estate has erected the signage on prohibition of illegal hunting and ownership any wildlife. Sighted during site visit at linesite, noted that house no. 46 owned 6 bird cages with birds.				
Corrections:	Estate management suggested that the owner either release or move the birds to premises outside the estate.				
Root cause analysis:	The worker who resides in the house displayed 6 bird cages of various species of birds in front of house NO. 46. The birds involved are not categorised as protected species. The Estate had on briefed all workers of its environmental policy. Unfortunately, the particular worker had to be re-briefed.				
Corrective Actions:	 During the weekly Labour Quarters inspection*, the presence of animals and birds will be recorded. Workers will be issued three reminders in writing and if they do not abide by these, warning letters in writing will be issued. (*The Estate is currently using a Line Site Inspection Book but will transit to the HQ issued SOP: "MSPO Staff and Labour Quarters Inspection (form)" for weekly inspections. 				
Assessment Conclusion:	All the corrective action were found to be adeque				
Verification Statement	Effectiveness of the implementation will be confirm on next assessment visit As verification on line site inspection record and site verification, not sighted any bird or other animal. The training was done on 4/6/2020 and evaluation show they understand and comply.				

Major/Minor Nonconformities:				
Ref:	Area/Process: Estates	Clause:		
1774852-201905-N6		MS 2530:2013 Part-3, 4.4.1.1		
	Due Date:			
	Issue Date: 31/5/2019	Closed on 20/6/2020		
Requirements:	Social impact should be identified and plans are implemented to mitigate the negative impacts and promote the positive ones.			
Statement of Nonconformity:	Identification and implementation of social impact plans related to cattle/goat rearing within estate area was insufficient.			
Objective Evidence:	Senama Estate: Sighted few cattle barns located inside estate nearby housing area despite signages for prohibition of cattle rearing been installed.			

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Corrections:	Efforts have been ongoing to persuade workers to reduce the number of ungulates within the estate. Estate management has fenced the line site by 7th June 2019 as a measure to prevent cattle from encroaching into workers quarters.
Root cause analysis:	Cattle corrals are located in field 1992B close to workers quarters. (The cattle corrals were approximately 120 m away from nearest line site.) Over the past few years, the Company had approached local elected representatives to mediate with the cattle owners but to no avail.
Corrective Actions:	During the MSPO stakeholder meeting in May 2019 (documented), the OCS of Rompin Balai Polis suggested that a meeting be held together with the Veterinary dept and internal stakeholders to raise this issue again. The Company will consider this approach and handle the matter sensitively.
Assessment Conclusion:	All the corrective action were found to be adequate. Effectiveness of the implementation will be confirm on next assessment visit
Verification Statement	The estate has conducted a meeting with the cattle owners and stakeholders in the presence of representatives from the police department on 3/7/2019 to address the issue. Perimeter fencing was established by the estate to prevent encroachment of cattle into the labour quarters. Based on the evidence provided, the implementation of corrective action was found to effective. Thus, the NCR is closed.

3.4 Summary of the Nonconformities and Status

CAR Ref.	CLASS	ISSUED	STATUS
1774852-201905-M1	Major	31/5/2019	Closed on 17/6/2019
1774852-201905-M2	Major	31/5/2019	Closed on 17/6/2019
1774852-201905-N1	Minor	31/5/2019	Closed on 20/6/2020
1774852-201905-N2	Minor	31/5/2019	Closed on 20/6/2020
1774852-201905-N3	Minor	31/5/2019	Closed on 20/6/2020
1774852-201905-N4	Minor	31/5/2019	Closed on 20/6/2020
1774852-201905-N5	Minor	31/5/2019	Closed on 20/6/2020
1774852-201905-N6	Minor	31/5/2019	Closed on 20/6/2020
1918270-202001-N1	Minor	20/6/2020	Open
1918270-202001-N2	Minor	20/6/2020	Open

3.5 Issues Raised by Stakeholders

IS #	Description
	Issues:
1	Police Department
	No complaint lodged related to Ladang Ibam so far.
	Management Responses:
	NA
	Audit Team Findings:
	NA
2	Issues:
	Contractors
	Satisfy with the mechanism of awarding contracts and timing of payment. Know about company's
	policies and channel to lodge grievance.
	Management Responses:
	NA
	Audit Team Findings:
	NA
3	Issues:
	Neighbouring communities
	Having good relationship with NSOP. Activities of NSOP did not adversely affect the wellbeing of the
	communities. Know about company's policies and channel to lodge grievance.
	Management Responses:
	NA
	Audit Team Findings:
	NA



Section 4: Assessment Conclusion and Recommendation

Acknowledgement of Internal Responsibility	ty and Formal Sign-off of Assessment Findings
	embilan Oil Palms Berhad Certification Unit complies with the nded that the certification of Negri Sembilan Oil Palms Berhad
Acknowledgement of Assessment Findings	Report Prepared by
Name:	Name:
Ng Yeen Chern	Valence Shem
Company name:	Company name:
Negri Sembilan Oil Palms Berhad	BSI Services Malaysia Sdn Bhd
Title:	Title:
Chief Operating Officer	Lead Auditor
Signature:	Signature:
Month NG YEEN CHERN Chief Operating Officer	Joseph .
Date: 30/09/2020	Date: 24/9/2020



Appendix A: Summary of the findings by Principles and Criteria

MS 2530-3:2013 Malaysian Sustainable Palm Oil (MSPO) Part 3: General principles for Plantations and Organized Smallholders

Criterion / Indicator		Assessment Findings	Compliance
4.1 Prine	ciple 1: Management commitment & responsibility		
Criterio	1 4.1.1 – Malaysian Sustainable Palm Oil (MSPO) Policy		
4.1.1.1 4.1.1.2	A policy for the implementation of MSPO shall be established. - Major compliance - The policy shall also emphasize commitment to continual improvement. - Major compliance -	 NSOP has established its various policies to drive the organization towards the implementation of MSPO. Among the policies are: Sustainability Policy Environmental Policy Social and Human Rights Policy Occupational Safety and Health Policy The statement about the organisation shall continuously reviews and improve operations with respect to social, environmental and economic sustainability, guided by the principles of MSPO and best practice is emphasized in the Sustainability Policy. 	Complied
Criterio	1 4.1.2 – Internal Audit		
4.1.2.1	Internal audit shall be planned and conducted regularly to determine the strong and weak points and potential area for further improvement. - Major compliance -	Internal audit implemented based on Sustainability MSPO Procedure Title: Internal Audit; Doc. # MSPO-01; Rev. 0; Date: 1/7/2018. Sighted Internal Audit Schedule(Appendix 1) for the audit as following: Ibam estate Internal audit – 18-21/2/2020,	Complied

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Criterion / Indicator		Assessment Findings	Compliance
		NCR – 11 NC, close nc on 7-11 June 2020	
		Maran Estate	
		Internal audit – 20-21/5/2020	
		NCR – 2 NC, close on 8/6/2020	
		Sighted that all findings still in progress of corrective actions. It was	
		found that for both NCRs and OBS, no specific MSPO indicators were referred to the findings. It will be better if MPSO indicators/clauses number to be included in the audit findings/reporting.	
4.1.2.2	The internal audit procedures and audit results shall be documented and evaluated, followed by the identification of strengths and root causes of nonconformities, in order to implement the necessary corrective action.	The internal audit procedure (MSPO-01 dated 1 /7/2018) was documented. The root cause and corrective action was available and close the nc accordingly after management review.	Complied
	- Major compliance -		
4.1.2.3	Report shall be made available to the management for their review.	In Ibam Estate and Maran estate the report available as MSPO-P1-	Complied
	- Major compliance -	C2; Appendix 4 Non-Conformance Form & Appendix 5 Internal Audit Report.	complica
Criterio	n 4.1.3 – Management Review		
4.1.3.1	The management shall periodically review the continuous suitability, adequacy and effectiveness of the requirements for effective implementation of MSPO and decide on any changes, improvement and modification.	The management review procedure referred to Ref no.: MSPO-02 dated 1 July 2018. In Ibam estate the management review for internal audit conducted on 13 May 2020. For Maran estate was on 10 June 2020	Complied



Criterio	on / Indicator	Assessment Findings	Compliance
	- Major compliance -		
Criterio	n 4.1.4 – Continual Improvement		
4.1.4.1	The action plan for continual improvement shall be based on consideration of the main social and environmental impact and opportunities of the company.	Action plan for continual improvement recorded as MSPO-P1-C4; Management Commitment & Responsibility – Continual improvement;	Complied
	- Major compliance -		
4.1.4.2	The company shall establish a system to improve practices in line with new information and techniques or new industry standards and technology (where applicable) that are available and feasible for adoption.	The company established the system as per MSPO Title: Latest Technology and Systems, Standards and Practices; Ref. # MSPO-P1-2.	Complied
	- Major compliance -		
4.1.4.3	An action plan to provide the necessary resources including training, to implement the new techniques or new industry standard or technology (where applicable) shall be established.	Action plan including training was provided as per above proposed technologies practices.	Complied
l	- Major compliance -		
4.2 Prin	ciple 2: Transparency		
Criterion	4.2.1 – Transparency of information and documents relevant to I	MSPO requirements	
4.2.1.1	The management shall communicate the information requested by the relevant stakeholders in the appropriate languages and forms,	Communication implementation were based on procedure title: Stakeholder Communication & Consultation Procedure, MSPO-P2-C2,	Complied



Criterion / Indicator		Assessment Findings	Compliance
	except those limited by commercial confidentiality or disclosure that could result in negative environmental or social outcomes. - Major compliance -	 ver. 1.00, rev. 1.02, dated 8/5/2019. Stakeholders records will use the following: Stakeholders List (Appendix 1) Stakeholders Concerns and Resolution Matrix (Appendix 2) Grievances/Complaints Form (Appendix 3) Information Request Form – MSPO Related (Appendix 4) Records of communication available at individual operating units audited. 	
4.2.1.2	Management documents shall be publicly available, except where this is prevented by commercial confidentiality or where disclosure of information would result in negative environmental or social outcomes. - Major compliance -	 Management has made the documents public as per List of Public Documents available for MSPO Stakeholder Inspection, Doc No: MSPO-P2-C1 Version Control 1 dated 01 January 2019. Among the public document shared are: All MSPO policies and licenses Safety and health plan Plans and impact assessment relating to social impact Plans and impact assessment relating to environmental impact and pollution prevention plan Records of complaints and grievances Continual improvement plan 	Complied



Criterio	on / Indicator	Assessment Findings	Compliance
4.2.2.1	Procedures shall be established for consultation and communication with the relevant stakeholders.	Ref.: NSOP Stakeholder Communication & Consultation Procedure, MSPO-P2-C2, ver. 1.00, rev. 1.02, dated 8/5/2019.	Complied
	- Major compliance -		
4.2.2.2	A management official should be nominated to be responsible for issues related to Indicator 1 at each operating unit.	The Estate Mangers are the appointed PIC to handle any issues related to Indicator 1 (Clause 3 of the above procedure).	Complied
	- Minor compliance -		
4.2.2.3	List of stakeholders, records of all consultation and communication and records of action taken in response to input from stakeholders should be properly maintained.	Stakeholder list for all the visited estates were available from various background, which are MPOB, Orang Asli representative, contractors & suppliers, neighbouring estates, etc. The lists were updated from time to time whenever necessary.	Complied
	- Major compliance -		
Criterio	n 4.2.3 – Traceability		
4.2.3.1	The management shall establish, implement and maintain a standard operating procedure to comply with the requirements for traceability of the relevant product(s).	Traceability requirements established as SOP for Products Traceability	Complied
		Title: Traceability for Estate/Palm Oil Mill Products; Ref. # MSPO-08;	
		Rev. 00; Date: 1/7/2018	
	- Major compliance -	And also MSPO Workflow for traceability (MSPO-P3-C3) dated 6 May 2019.	
4.2.3.2	The management shall conduct regular inspections on compliance with the established traceability system.	Regular inspections conducted by management including internal audit as per indicator 4.1.2.1.	Complied
	- Major compliance -		



Criterio	on / Indicator	Assessment Findings	Compliance
4.2.3.3	The management should identify and assign suitable employees to implement and maintain the traceability system.	The management already identified and assign the employee to implement and maintained the traceability system as per below;-	Complied
1	- Minor compliance -		
		Appointment was made as following:	
		- Surat Perlantikan Ahli Jawatankuasa MSPO: Traceability Officer	
		(Gula Estate) – Fairus binti Ali Rajamani (Field Clerk); Date:	
		1/2/2019	
		- Appointment – MSPO Committee Traceability Officer – Mr. Azera	
		Chiong (Office Clerk); Date: 1/4/2019 – Senama Estate	
		- Appointment – MSPO Committee Traceability Officer; Pn. Norisah	
		Chik (Office Clerk); Date: 1/1/2019 & Pn. Rosmizon Ramli (Lab	
		Assistant); Date: 1/1/2019 – Maran Estate. The review already been conducted on 6 May 2019 no changes in appointment.	
4.2.3.4	Records of sales, delivery or transportation of FFB shall be	Records of sales, delivery/transportation maintained as per following	Complied
	maintained.	samples:	complica
	- Major compliance -	Maran Estate:	
		- Weighbridge ticket # 64295; Date: 16/6/2020; Field # 99A;	
		Product: FFB; Nett Weight: 4.20mt; Vehicle # 02 A6/99	
		- Weighbridge ticket # 64289; Date: 16/6/2019; Field # 98C;	
		Product: FFB; Nett Weight: 5.34; Vehicle # 02 B9/98	



Criterion	/ Indicator	Assessment Findings	Compliance	
4.3 Principle 3: Compliance to legal requirements				
Criterion 4	Criterion 4.3.1 – Regulatory requirements			
n	All operations are in compliance with the applicable local, state, hational and ratified international laws and regulations. Major compliance -	 A mechanism to ensure compliance to legal and other requirement has been documented in Law enforcement File & Compliance to Legal Requirements – Updates on Legal Matters Doc: MSPO-P3-C1. Sample of licenses or permit viewed were: Ibam estate MPOB License 617859002000 valid until 31 Dec 2020 and license no 618114011000 valid until 31 March 2021 PMT-PH/19 23568 for PH PMT 5850 valid until 12/8/2020 Weighbridge B1652423 by Metrology Corporation Malaysia Sdn Bhd dated 27/2/2020 KPDNDHEP license for Petrol (Ron 95) reference no.SK(K)0555/9(P) Rompin valid until 16 Jun 2020 KPDNDHEP license for Diesel reference no. PHG/RPN/102/91 SK (D) valid until 2 April 2021 Fire extinguisher renew (B-SWRPN20206-876996182 DATED 12 June 2020 Gula estate Weighbridge B1682744 by Metrology Corporation Malaysia 	Complied	

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Criterion / Indicator		Assessment Findings	Compliance
4.3.1.2	The management shall list all laws applicable to their operations in a legal requirements register. - Major compliance -	 MPOB License for Gula estate mill 500028104000 valid until 31/3/2021. KPDNKK license A000654 for Diesel (Euro 2M), this in progress for renewal, sighted the evidence of renewal application in BLESS system dated 14/5/2020. License purchase, store and use of Sodium Hydroxide was available license no 000330 was comply with Poison Ordinance 1952. License to generate electricity (license no 2020/01009) valid until 29/5/2021. Applicable legal requirements listed as Register of Laws and List of Relevant Act, Laws and Regulations; Available under document MSPO- P3-C1. 	Complied
4.3.1.3	The legal requirements register shall be updated as and when there are any new amendments or any new regulations coming into force Major compliance -	Chief Administrator in HQ will notify any update and/or changes in legal requirements.	Complied
4.3.1.4	The management should assign a person responsible to monitor compliance and to track and update the changes in regulatory requirements. - Minor compliance -	Management assigned either Assistant manager or Chief Clerks/clerks as person responsible to monitor compliance and tracking/updating changes in legal requirements. Sighted sample letter of appointment as following:	Complied
		Surat Perlantikan Ahli Jawatankuasa MSPO: Legal Officer-	



Criterion / Indicator		Assessment Findings	Compliance
		Pn Salamiah (Clerk); Date: 1/2/2019 – Maran estate	
		Surat Perlantikan Ahli Jawatankuasa MSPO: Legal Officer–	
		Mr Pannirselvan A/L Murugan (Chief Clerk); Date: 1/2/2019 – Gula estate.	
Criterio	n 4.3.2 – Lands use rights		
4.3.2.1	The management shall ensure that their oil palm cultivation activities do not diminish the land use rights of other users.	There are valid land titles belonged to NSOP for all the visited estates. The certification unit did not diminish the land use rights of other users.	Complied
	- Major compliance -		
4.3.2.2	The management shall provide documents showing legal ownership or lease, history of land tenure and the actual use of the land.	Maran Estate (shared with Maran POM)	Complied
		No. Hakmilik H.S.(D): 728, PT No.: PT 2/2273, 1,980.9331 Ha, Lease period: 25/1/1967-24/1/2066, owner: Timor Oil Palm Plantation Bhd	
	- Major compliance -		
		Gula Estate (shared with Gula POM)	
		There are 26 land titles with a total area of 2,598 Ha. All of the titles are under free hold conditions and the name of owner is Eng Thye Plantations Bhd.	
4.3.2.3	Legal perimeter boundary markers should be clearly demarcated and visibly maintained on the ground where practicable.	Legal boundaries at estates visited were clearly demarcated with red and white colour concrete pole/ wooden stick. Sighted during site visit at the estates boundaries. Sampling at site visit – in Ibam between	Complied
	- Major compliance -	field 10B and forest	



Criterio	on / Indicator	Assessment Findings	Compliance
4.3.2.4	Where there are, or have been, disputes, documented proof of legal acquisition of land title and fair compensation that have been or are being made to previous owners and occupants; shall be made available and that these should have been accepted with free prior informed consent (FPIC).	So far, there is no dispute with any stakeholders with regards to land use right. Should there be any, FPIC as per established procedure title: FPIC with Respect to Land Use Rights and Customary Rights; MSPO- P3-C2; Rev. 1.01; Date: 22/5/2019, will apply.	Complied
	- Minor compliance -		
Criterio	n 4.3.3 – Customary rights		
4.3.3.1	Where lands are encumbered by customary rights, the company shall demonstrate that these rights are understood and are not being threatened or reduced. - Major compliance -	There is no customary rights land at all the visited estates.	Complied
4.3.3.2	Maps of an appropriate scale showing extent of recognized customary rights land, if any, should made available.	There is no customary rights land at all the visited estates.	Complied
4.3.3.3	Negotiation and FPIC shall be recorded and copies of negotiated agreements should be made available Major compliance -	There is no customary rights land at all the visited estates.	Complied
4.4 Prin	ciple 4: Social responsibility, health, safety and employm	ent condition	
Criterio	n 4.4.1: Social Impact Assessment (SIA)		
4.4.1.1	Social impact should be identified and plans are implemented to mitigate the negative impacts and promote the positive ones.	Ref.: Social Impact Assessment (SIA) Procedure, MSPO-P4-C1, rev. 00, dated 1/7/2018.	Complied
	-		

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Criterio	on / Indicator	Assessment Findings	Compliance
	- Minor compliance -	LI, ME Stakeholders consultation was done by sending questionnaires through e-mail in May 2020 due to MCO. The questionnaire was meant to collect information related to social impact evaluation. The estates are still in the midst of analysing its stakeholders' feedbacks in order to finalise mitigation measures and expected to be completed by end of June 2020. AT the point of this visit, there was no negative feedback from any stakeholders through the answers given in some of the questionnaire returned.	
Criterio	n 4.4.2: Complaints and grievances		
4.4.2.1	A system for dealing with complaints and grievances shall be established and documented.	Ref.: Grievance & Complaints Handling Procedure, MSPO-P4-C2, rev. 1.01, dated 8/5/2019	Complied
	- Major compliance -		
4.4.2.2	The system shall be able to resolve disputes in an effective, timely and appropriate manner that is accepted by all parties.	Based on the sampled complaints from the workers which were mostly on housing facility defects, the complaints were resolved on timely manner. Verification on site also confirmed the complaints were	Complied
	- Major compliance -	addressed accordingly.	
4.4.2.3	A complaint form should be made available at the premises, where employees and affected stakeholders can make a complaint.	LI, ME, GLE Governed under Grievance & Complaints Handling Procedure, MSPO- P4-C2, rev. 1.01, dated 8/5/2019	Complied
		Ref.: Grievances/Complaints/Feedback Form. Mostly complaints received were on housing defects. Based on the complaint form	


Criterio	on / Indicator	Assessment Findings	Compliance
		records, all the issues were resolved within the timeframe defined in the procedure i.e. <14 days.	
4.4.2.4	Employees and the surrounding communities should be made aware that complaints or suggestions can be made any time. - Minor compliance -	The employees and the surrounding communities were made aware of the complaint procedure through stakeholders meeting and regular briefing. Based on interview, the sampled employees and stakeholders had sufficient awareness on the procedure.	Complied
4.4.2.5	Complaints and resolutions for the last 24 months shall be documented and made available to affected stakeholders upon request.	All the visited estates have maintained their complaints and resolution records since early last year.	Complied
	- Major compliance -		
Criterio	n 4.4.3: Commitment to contribute to local sustainable developm	nent	
4.4.3.1	Growers should contribute to local development in consultation with the local communities.	LI: No request from local contribution so far.	Complied
	- Minor compliance -	ME:	
		 to Majlis Daerah Maran – gave POME for landscape use on 22/1/2019 to SMK Maran - gave POME for landscape use on 19/2/2019 Sekolah Agama Rakyat - gave POME for landscape use on 1/3/2020 To Kg Berkat, Kg Sungei Cedong, Tmn Sri Cedong and OKU – basic foods (e.g. rice, oil, eggs, etc.) To IPD Maran, Balai Polis Trafik Maran, road block enforcers, Bomba Maran – gave mask, drinking water & bread during MCO on 20/4/2020 	

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Criterio	on / Indicator	Assessment Findings	Compliance
		 To all estate and mill staff, including contract workers – given basic foods on 8/4/2020 during MCO 	
		GLE:	
		 Monetary donation to SJK(C) Yuk Hwa annually and occasionally to some other schools such as SK Kuala Gula 	
Criterio	n 4.4.4: Employees safety and health		
4.4.4.1	An occupational safety and health policy and plan shall be documented, effectively communicated and implemented. - Major compliance -	NSOP Berhad has established Safety and Health Policy signed by the Executive Chairman dated 13 May 2019. In the policy stated the commitment to comply with the Occupational Safety and Health Act 1994 and Factory and Machinery Act 1967 towards achieving zero incidences. The SOP was available in site, referred Manual Keselamatan & Kesihatan Pakerjaan Bahagian Ladang (Vision 3):2020.	Complied
4.4.4.2	 The occupational safety and health plan shall cover the following: a) A safety and health policy, which is communicated and implemented. b) The risks of all operations shall be assessed and documented. c) An awareness and training programme which includes the following requirements for employees exposed to pesticides: i. all employees involved shall be adequately trained on safe working practices 	 a. Policies of safety and health available dated 13 May 2019, communicated on 27/2/2020 to all workers. b. HIRARC in Ibam was available, latest review 20/1/2019. No record of accident happen for year 2019 in Ibam estate. CHRA was done on 9 August 2015 by CNL Consultant (Northen) Sdn Bhd - JKKP HIE 127/171-2(20). Chemical registered update Jan 2020 c. The awareness and training programme was available for review in each estate been sample. Sample on Maran estate already been review for Year 2020 on Jan 2020 	Complied

Criterion / Indicator	Assessment Findings	Compliance
 ii. all precautions attached to products shall be properly observed and applied d) The management shall provide the appropriate PPE at the place of work to cover all potentially hazardous operations as identified in the risk assessment and control such as Hazard Identification, Risk Assessment and Risk Control (HIRARC). e) The management shall establish Standard Operating Procedure for handling of chemicals to ensure proper and safe handling and storage in accordance to Occupational Safety Health (Classification Packaging and Labeling) Regulation 1997 and Occupational Safety Health (Use and Standard of Exposure of Chemical Hazardous to Health) Regulation 2000. f) The management shall appoint responsible person(s) for workers' safety and health. The appointed person(s) of trust must have knowledge and access to latest national regulations and collective agreements. g) The management shall conduct regular two-way communication with their employees where issues affecting their business such as employee's health, safety and welfare are discussed openly. Records from such meeting are kept and the concerns of the 	 d. PPE for workers was adequate during site verification, as per interview with Mr Omsuntaranaidu (MA) regarding to requirement of PPE recommendation was based on SOP (Manual Keselamatan Kesihatan Pekerjaan Bahagian Ladang Version 3:2020) and also base on recommendation by CHRA assessor (JKKP HIE 127/171-2(20)-2017/A015) by CNL Consultants(Northern) Sdn Bhd dated 26 July 2017. Latest PPE issuance was on 13 May 2020 for Goggle to sprayer gang. e. As for SOP, the SOP was available in site, referred Manual Keselamatan & Kesihatan Pakerjaan Bahagian Ladang (Vision 3):2020. Its cover for handling of chemicals to ensure proper and safe handling and storage in accordance to Occupational Safety Health (Classification Packaging and Labeling) Regulation 1997 and Occupational Safety Health (Use and Standard of Exposure of Chemical Hazardous to Health) Regulation 2000. f. The mills visited has appointed responsible person for safety and health as follows: The appointment letter was available sampling on Maran OSH committee member En Kasturi b. Ali as secretary 	
 employees and any remedial actions taken are recorded. h) Accident and emergency procedures shall exist and instructions shall be clearly understood by all employees. i) Employees trained in First Aid should be present at all field operations. A First Aid Kit equipped with approved contents should be available at each worksite. 	 dated 1 Jan 2020 g. In Ibam estate, OSH meeting done on 20/2/2020, the next meeting will be done on 23/6/2020. For Maran estate, latest record was on 1 June 2020, sighted 1 record of accident dated 19 May 2020. Previously meeting was on 30 March 2020 and 27 May 2020. 	

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Criterion / Indicator	Assessment Findings	Compliance
 j) Records shall be kept of all accidents and be reviewed periodically at quarterly intervals. Major compliance - 	 h. NSOP Berhad has established Standard Operating Procedure for accident and emergency and documented in Emergency Response Plan (Pelan Tindakan Kecemasan); Appendix F5, Major Spillage (Appendix F6), Incident (Appendix F2), Physical Injury (Appendix F1). The training regarding ERP been conducted on 30 may 2020 by Mr Kasturi Ali. 	
	 As for First aid training, all mandores was equipped with First aid approved content. Sampling during site verification in Maran estate in field 96E. Last training conducted was on 9 June 2020. All first aider was attend the course. 	
	j. The JKKP 8 record (JKKP 8/59389/2019) dated 31 /1/2020. No accident on 2019 in Ibam estate.	
	In Maran estate, JKKP 8 was send on 4/2/2020 as per document JKKP8/60370/2019. No accident happen on 2019 in Maran Mill and estate.	
	JKKP 6 reported on 21 May 2020 for workers 04248. Accident occurred on 19 May 2020 with total 44 days MC (20 May until 2 July 2020). SOCSO claim has been send on 6 June 2020.	
	Maran Estate	
	During interview with the field supervisor, it was noted that the chemical premix was not effectively conducted at the premix area. The chemical was diluted in 4 Litter chemical container. The chemical premixing was conducted in the field using the diluted chemical. It was against the Safety Work Procedure Using Chemical and Safety Work Procedure at Premix Area established. As per verification in Field 96E	

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Criterio	on / Indicator	Assessment Findings	Compliance
		by interview with the mandores and premix workers verified they will mix the chemical on evening for next day spraying at premix area. they aware regarding to this matters. Last training record was on 8 Oct 2019. Thus this NC remained close.	
Criterio	n 4.4.5: Employment conditions		
4.4.5.1	The management shall establish policy on good social practices regarding human rights in respect of industrial harmony. The policy shall be signed by the top management and effectively communicated to the employees.	The Social and Human Rights Policy is available in the office notice board signed by Mr. Goh Wei Lei, Executive Chairman dated 2/1/2019. The methods used to communicate the policy are by briefing during muster call and display at notice boards.	Complied
	- Major compliance -		
4.4.5.2	The management shall not engage in or support discriminatory practices and shall provide equal opportunity and treatment regardless of race, colour, sex, religion, political opinion, nationality,	The Social and Human Rights Policy is available in the office notice board signed by Mr. Goh Wei Lei, Executive Chairman dated 02.01.2019.	Complied
	social origin or any other distinguishing characteristics. - Major compliance -	It is stated that the company will not engage in or support discriminatory practices and shall provide equal opportunity and treatment regardless of race, colour, sex, religion, political opinion, nationality, social origin or any other distinguishing characteristics. Based on the interview with the workers, there has been no experience of any form of discrimination.	
4.4.5.3	Management shall ensure that employees' pay and conditions meet legal or industry minimum standards and as per agreed Collective Agreements. The living wage should be sufficient to meet basic needs and provide some discretionary income based on minimum wage.	For local, a standard format of appointment letter is available (version 2. 01/19). For foreign workers, employment contract (version 1. 01/19) is used. Based on the agreements, it was noted that the	Complied



Criterio	on / Indicator	Assessment Findings	Compliance
	- Major compliance -	employees' pay and conditions meet legal or industry minimum standards.	
4.4.5.4	Management should ensure employees of contractors are paid based on legal or industry minimum standards according to the employment contract agreed between the contractor and his employee. - Minor compliance -	The mechanism to ensure that the contractor's overtime and working on rest were paid accordingly is by obtaining the pay slip of the workers from the contractor. Based on verification of pay slips of several contractors at all the visited estates, the pay slip for contractor workers has the information about overtime, work on rest day or public holiday, unpaid leave, annual leave, etc. The pay was also found to be in accordance to minimum standards.	Complied
4.4.5.5	The management shall establish records that provide an accurate account of all employees (including seasonal workers and subcontracted workers on the premises). The records should contain full names, gender, date of birth, date of entry, a job description, wage and the period of employment. - Major compliance -	The overtime records in the check-roll form there is monthly overtime report for each worker. The records of the worker details such as full name, gender and other information available in employee register kept in individual file and in the master list.	Complied
4.4.5.6	All employees shall be provided with fair contracts that have been signed by both employee and employer. A copy of employment contract is available for each and every employee indicated in the employment records. - Major compliance -	The employment contract is available and signed by both employee and employer. All the sampled employment contracts and appointment letters were signed by the employees.	Complied
4.4.5.7	The management shall establish a time recording system that makes working hours and overtime transparent for both employees and employer.	Pocket check roll or punch card (Maran Estate) is used to record the working days and overtime of all workers. Verification of the check roll confirm that the working days and overtime is tally with the payslips.	Complied



Criterio	n / Indicator	Assessment Findings	Compliance
	- Major compliance -		
4.4.5.8	The working hours and breaks of each individual employee as indicated in the time records shall comply with legal regulations and collective agreements. Overtime shall be mutually agreed and shall always be compensated at the rate applicable and shall meet the applicable legal requirement.	The break time is stated in "Butir-butir Syarat-syarat Pekerjaan" i.e. 1100-1200 hr of 0700-1500 working hours. Verification of payslips and time recording system (check-roll/punch card) showed that the overtimes were paid accordingly.	Complied
	- Major compliance -		
4.4.5.9	Wages and overtime payment documented on the pay slips shall be in line with legal regulations and collective agreements. - Major compliance -	Based on verification of sampled payslips, wages and overtime were found to be paid according to the Malaysian Labour Law and employment contract.	Complied
4.4.5.10	Other forms of social benefits should be offered by the employer to employees, their families or the community such as incentives for good work performance, bonus payment, professional development, medical care and health provisions.	Other form of social benefits as sighted in the pay slip including company's contributions of EPF, SOCSO and EIS. Medical care and health provisions also provided for entire work force.	Complied
	- Minor compliance -		
4.4.5.11	In cases where on-site living quarters are provided, these quarters shall be habitable and have basic amenities and facilities in compliance with the Workers' Minimum Standards Housing and Amenities Act 1990 (Act 446) or any other applicable legislation.	The workers are provided with free housing and electricity and water supply. The line site inspections were done weekly e.g. for Ladang Ibam was conducted by a Hospital Assistant, Mr Vijayan (from Rompin Estate) and a VMO, Dr Ahmad Basri. The last inspection was done on 5/6/2020. Based on line-site visit, the inspection report is found to be in line with the actual conditions.	Complied



Criterio	n / Indicator	Assessment Findings	Compliance
4.4.5.12	The management shall establish a policy and provide guidelines to prevent all forms of sexual harassment and violence at the workplace. - Major compliance -	Policy established as Social and Human Rights Policy; Signed by Executive Chairman (Goh Wei Lei); Date: 2/1/2019. Stated to provide workplace free of violence and sexual harassment whether directly or indirectly against all employees and stakeholders. Also referred to the Definition of Sexual Harassment; Ver. Control: 1.00; Date: 29/8/2018; Rev; Source: ILO. To-date, there have been no report related to sexual harassment or violence.	Complied
4.4.5.13	The management shall respect the right of all employees to form or join trade union and allow workers own representative(s) to facilitate collective bargaining in accordance with applicable laws and regulations. Employees shall be given the freedom to join a trade union relevant to the industry or to organize themselves for collective bargaining. Employees shall have the right to organize and negotiate their work conditions. Employees exercising this right should not be discriminated against or suffer repercussions.	There is no restriction of worker to form any trade union or workers committee e.g. at Ladang Gula, there are 37 members of NUPW.	Complied
	- Major compliance -		
4.4.5.14	Children and young persons shall not be employed or exploited. The minimum age shall comply with local, state and national legislation. Work by children is acceptable on family farms, under adult supervision, and when not interfering with their education programmes. Children shall not expose to hazardous working conditions.	Established as Social and Human Rights Policy; Signed by Executive Chairman (Goh Wei Lei); Date: 2/1/2019. Stated prohibit employment by coercion. Children and young persons shall not be employed or exploited, the minimum age shall comply with local state and national legislation. Based on the employee master lists at all the visited estates, there was no evidence that children or young persons have been recruited.	Complied
	- Major compliance -		



Criterio	on / Indicator	Assessment Findings	Compliance
4.4.6.1	All employees, contractors and relevant smallholders are appropriately trained. A training programme (appropriate to the scale of the organization) that includes regular assessment of training needs and documentation, including records of training shall be kept. - Major compliance -	Safety and Health Program FY 2020: Estate under section training. The training program was done based on the training need analysis	Complied
4.4.6.2	Training needs of individual employees shall be identified prior to the planning and implementation of the training programmes in order to provide the specific skill and competency required to all employees based on their job description. - Major compliance -	The estate has conducted the training need analysis to determine the training requirement for the management, employee and contractors and documented in Training Need Analysis, Plan and Implementation 2019. The analysis was conducted on annually basis.	Complied
4.4.6.3	A continuous training programme should be planned and implemented to ensure that all employees are well trained in their job function and responsibility, in accordance to the documented training procedure. - Minor compliance -	The estates visited has established training program which reviewed and updated on annually basis and documented in SOP training program and Safety and Health Program FY 2019: Field. Sampling on training that been conducted by management in estate:- Awareness to Corona Virus training on 19/3/2020 Safety working procedure for replanting on 24/8/2019 Emergency response training 24/8/2019 Tractor safety driving training 15/3/2020 PPE training and spraying training on 26/3/2019 Premix safety training on 8/10/2019	Complied
		Safety signage training on 22/4/2020	

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Criteri	on / Indicator	Assessment Findings	Compliance
		PPE guidelines training on 18/7/2019	
		Application fertiliser training on 15/4/2020	
		Chemical safety and hazard training 14/3/2019	
		Fit test chemical training on 25/2/2019	
		Gula Estate	
		Training on Safety work in workshop dated 25/6/2020	
		Training on chemical spraying dated 22/5/2020	
		Training on fertiliser application safety dated 28/4/2020	
		Fire Fighting Training dated 23/4/2019	
		First Aid Training dated 23/12/2019	
		Environmental Training on 4/6/2020	
4.5 Prir	nciple 5: Environment, natural resources, biodiversity ar	nd ecosystem services	
Criterio	on 4.5.1: Environmental Management Plan		
4.5.1.1	An environmental policy and management plan in compliance with the relevant country and state environmental laws shall be developed, effectively communicated and implemented.	commitment in protecting the environment and ensure necessary effort is taken to reduce the impact on the environment from the	Complied
	- Major compliance -	estates and mill operation in line with EQA 1974 and other applicable laws and regulations. The policy was communicated to the employee	

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Criterio	on / Indicator	Assessment Findings	Compliance
		through training, tool box meeting and displayed at the designated notice board in the mill. Communicated on 27/2/2020 to workers.	
4.5.1.2	 The environmental management plan shall cover the following: a) An environmental policy and objectives; b) The aspects and impacts analysis of all operations. Major compliance - 	Estates visited have established the Environmental Management Plan base on aspects and impacts analysis conducted. Gula Estate The estate has established the environmental management plan base on the aspects and impacts analysis conducted and documented in the Environmental Aspect Impact Assessment for Estate. The management plan was conducted on annually basis. Latest review was conducted on 1/5/2020. Maran Estate The estate has established environmental management plan base on	Complied
		 the aspect and impact analysis conducted. The management plan was reviewed on annually basis. Latest review was conducted on Feb 2020. Ibam Estate The estate has established environmental management plan base on the aspect and impact analysis conducted. The management plan was dated 15/5/2020. 	

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Criterio	on / Indicator	Assessment Findings	Compliance
4.5.1.3	An environmental improvement plan to mitigate the negative impacts and to promote the positive ones, shall be developed, effectively implemented and monitored. - Major compliance -	The policy for environmental been Communicated on 4/6/2020 to all staff and workers. The estates visited has established the environmental plan based on the aspects and impacts analysis conducted and documented in the Environmental Aspect Impact Assessment for Estate. The management plan was established for the activity which give significant impact for the environment. The management plan were reviewed annually basis.	Complied
4.5.1.4	A programme to promote the positive impacts should be included in the continual improvement plan. - Minor compliance -	Estates visited has established programme to promote the positive impacts was included in the continual improvement plan. The estate has established environmental management plan base on the aspect and impact analysis conducted include the program to promote the positive impacts as follows: i. Prevent pollution of surface and groundwater by a. Maintaining and restoring appropriate riparian buffer zone along	Complied
4.5.1.5	An awareness and training programme shall be established and implemented to ensure that all employees understand the policy and objectives of the environmental management and improvement	 water bodies b. Established water quality monitoring for testing river and domestic water c. Disposal of scrap iron through recycle Estates visited has included the environmental training in training program established. 	Complied

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Criterio	on / Indicator	Assessment Findings	Compliance
	plans and are working towards achieving the objectives. - Major compliance -	The estate has established training program which reviewed and updated on annually basis and documented in SOP training program and Safety and Health Program FY 2020: Field. The training that plan was included such as triple rinse for empty container, Chemical spillage training and also prohibition of spraying and manuring activity at buffer zone area.	
4.5.1.6	Management shall organize regular meetings with employees where their concerns about environmental quality are discussed. - Major compliance -	Environmental meeting was done on 11 Feb 2020 by management. This meeting conducted annually as per recorded.	Complied
Criterio	n 4.5.2: Efficiency of energy use and use of renewable energy		
4.5.2.1	Consumption of non-renewable energy shall be optimized and closely monitored by establishing baseline values and trends shall be observed within an appropriate timeframe. There should be a plan to assess the usage of non-renewable energy including fossil fuel, electricity and energy efficiency in the operations over the base period. - Major compliance -	Estates visited monitored the consumption of non-renewable energy on monthly basis. Action plan was established plan to assess the usage of non-renewable energy. Sighted the sample monitoring records for diesel usage FY 2019 as follows: Maran Estate Diesel usage: 223,438 litre	Complied



Criterio	on / Indicator	Assessment Findings	Compliance
		Gula Estate	
		Diesel usage: 80,662 litre	
		Ibam Estate	
		Diesel usage: 56,112 litre	
4.5.2.2	The oil palm premises shall estimate the direct usage of non-	The estimate for the direct usage of non-renewable energy for their	Complied
	renewable energy for their operations, including fossil fuel, and electricity to determine energy efficiency of their operations. This shall include fuel use by contractors, including all transport and	operations, including fossil fuel, and electricity to determine energy	
		efficiency of their operations inclusive of fuel use by contractors,	
	machinery operations.	including all transport and machinery operations was available in the	
	- Major compliance -	respective estate yearly budgets.	
4.5.2.3	The use of renewable energy should be applied where possible.	No renewable energy been applied in estate.	Complied
	- Minor compliance -		
Criterio	n 4.5.3: Waste management and disposal	·	
4.5.3.1	All waste products and sources of pollution shall be identified and documented Major compliance -	The estates visited has identified the waste products and source of pollution. The estates visited has identified the waste products and source of pollution and documented in List of Waste Identified. Waste identified as follows:	Complied
		Criterion / Indicator Assessment Findings Compliance	
		i. Spent lubricant oil	
		ii. Used oil filter	

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Criterio	on / Indicator	Assessment Findings	Compliance
		iii. Used chemical pesticides container	
		iv. Household Rubbish	
		v. Palm oil mill effluent	
		vi. Empty fruit bunches	
		vii. Clinical waste	
4.5.3.2	A waste management plan to avoid or reduce pollution shall be developed and implemented. The waste management plan should include measures for:	The estate has established waste management plan base on the identification and source of pollutions and documented in Waste Management Plan Year 2020 – Industrial (Palm Oil Mill and Estate) the plan were available for review.	Complied
	a) Identifying and monitoring sources of waste and pollution		
	 b) Improving the efficiency of resource utilization and recycling of potential wastes as nutrients or converting them into value- added by-products 	The estate has established and documented Waste Management Plan for Estate and Mill. Management plan was done base on the type of waste identified in the List of Waste Identified. The plan was reviewed	
	- Major compliance -	on annually basis. Latest review was conducted on Feb 2020. The plan stated the Issue identified, management action, period of monitoring and person responsible.	
		Sighted the implementation of the management plan established as	
		follows:	
		i. Sighted the records of mill waste disposal records for EFB and	
		Decanter cake at Maran Estate.	
		ii. Sighted the records of domestic waste collection for every month	

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Criterio	on / Indicator	Assessment Findings	Compliance
		iii. The estate maintain the Scheduled Waste inventory and recorded in Inventory of Scheduled Waste records. The inventory was submitted to DOE through E-SWISS system. All recorded was available for review.	
4.5.3.3	The management shall establish Standard Operating Procedure for handling of used chemicals that are classified under Environment Quality Regulations (Scheduled Waste) 2005, Environmental Quality Act, 1974 to ensure proper and safe handling, storage and disposal.	NSOP Berhad has established Standard Operating Procedure for handling of used chemicals and documented in MSPO Procedure Title: Waste Management; Ref. no. MSPO-05; Rev. 00; Date: 1/7/2018 under title Scheduled Waste Disposal Flow. Sampling as per below detail:-	Complied
	- Major compliance -	In Ibam Estate	
		The consignment note 2020060915RYTQ5C for SW 409 dated 9 June 2020.Consignment note 2019122809CF8OB0 FOR SW 305 dated 28 Dec 2019. The disposal was at Kualiti Alam Sdn Bhd.	
		Maran Estate	
		The inventory of scheduled waste was available file reference: AS:C31/152/000/012 dated May 2020. There are total 4 type of SW such as SW 110, 305, 409 and 410. Last disposal was on 15/11/2019 sampling SW 305, consignment note 2019111907NUYE9S with total 0.7618 MT at Pentas Flora Sdn Bhd. Another Disposal was on 18/11/2019 for SW 409 (consignment note no: 20191118087HE3W4 by Kualiti Alam Sdn bhd.	



Criterio	on / Indicator	Assessment Findings	Compliance
4.5.3.4	Empty pesticide containers shall be punctured and disposed in an environmentally and socially responsible way, such that there is no risk of contamination of water sources or to human health. The disposal instructions on manufacturer's labels should be adhered to. Reference should be made to the national programme on recycling of used HDPE pesticide containers. - Major compliance -	The empty pesticides containers will be triple rinse and punctured and send to licensed contractor for disposal as stated in the 'Manual Kesihatan and Keselamatan Pekerjaan Bahagian Ladang' under section Pelupusan Bahan Terjadual.	Complied
4.5.3.5	Domestic waste should be disposed as such to minimize the risk of contamination of the environment and watercourses. - Minor compliance -	Domestic waste was collected by the estate twice a week and send to the designated area before collected by municipal contractors and disposed at municipal landfill.	Complied
Criterio	n 4.5.4: Reduction of pollution and emission		
4.5.4.1	An assessment of all polluting activities shall be conducted, including greenhouse gas emissions, scheduled wastes, solid wastes and effluent. - Major compliance -	The assessment of all polluting activities has been conducted and documented in the GHG Management Plan and waste management Plan. The assessment was reviewed on annually basis. Latest review was conducted on 6/1/2020.	Complied
4.5.4.2	An action plan to reduce identified significant pollutants and emissions shall be established and implemented. - Major compliance -	Sampling in Gula estate the estate has established management plan to reduce the significant pollutants and documented in the Greenhouse Gases Management Plan. In the management plan stated the plan to reduce identified significant pollutants and emissions. The management plan was reviewed on annually basis. Latest review was conducted on 6/1/2020. However sighted:-	Non- conformity

Criterio	on / Indicator	Assessment Findings	Compliance
		1. In Gula estate, during site verification found oil trace at workshop (land contamination) and oil trace in monsoon drain near workshop that direct to water source with oil trap.	
		2. Found several empty chemical container and used PPE in dumping area at Ibam estate (15C) and Gula estate (Collection centre)	
		Thus Minor NC been raised.	
Criterio	n 4.5.5: Natural water resources		
4.5.5.1	The management shall establish a water management plan to maintain the quality and availability of natural water resources (surface and ground water). The water management plan may include: a. Assessment of water usage and sources of supply.	NSOP Berhad has established SOP for riparian buffer zone and documented in Establishment and Management of Riparian Zone. Refer document no Gap-1 dated 1/1/2019. The estate also follows guidelines from MPOB for "Mengenalpasti kawasan rezab sungai dalam ladang' Refer letter no (3)04/C/PD/87/2 dated 28/9/2009.	Complied
	 b. Monitoring of outgoing water which may have negative impacts into the natural waterways at a frequency that reflects the estate's current activities. c. Ways to optimize water and nutrient usage to reduce wastage (e.g. having in place systems for re-use, night application, maintenance of equipment to reduce leakage, collection of rainwater, etc.). d. Protection of water courses and wetlands, including maintaining and restoring appropriate riparian buffer zones at or before planting or replanting, along all natural waterways within the estate. 	 a. All estate visited already conducted water usage and sources of water supply, this action was under Water management plan dated 13/2/2020. b. In Ibam estate, The river water monitoring done quarterly latest result was on 27 May 2019. Test no. 7951/19 report no. EF/1283/03/19. For water analysis was done in Gula estate referred report AR-20-SV-017294-01 dated 28 May 2020. c. Water management plan already included ways to optimize water and nutrient such as to implement water rain 	

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Criterio	on / Indicator	Assessment Findings	Compliance
	 e. Where natural vegetation in riparian areas has been removed, a plan with a timetable for restoration shall be established and implemented. f. Where bore well is being use for water supply, the level of the ground water table should be measured at least annually. - Major compliance - 	 harvesting used in premix area. To use back water from air conditioning irrigate the plant and others. d. For river protection, water course, verified during site verification at Sg Chedong and Sg Maran. The management kept maintaining and restoring appropriate riparian buffer zones at or before planting or replanting, along all natural waterways. No chemical activities found during site verification. e. No sighted any natural vegetation in riparian areas has been removed. f. In estate, no used bore well as water supply source. 	
4.5.5.2	No construction of bunds, weirs and dams across main rivers or waterways passing through an estate.	No rivers or waterways passing through Gula Estate.	Complied
		Sighted during site visit, no construction of bunds, weirs and dams across main rivers through an estate.	
4.5.5.3	Water harvesting practices should be implemented (e.g. water from road-side drains can be directed and stored in conservation terraces and various natural receptacles).	The practice water harvesting of water from road-side drains being directed and stored in conservation road side pits was observed in both estates.	Complied
	- Minor compliance -		



Criterio	on / Indicator	Assessment Findings	Compliance
4.5.6.1	and relevant wider landscape-level considerations (such as wildlife corridors). This information should cover:	The estate has conducted the assessment on the Status of rare,	Complied
		threatened, or endangered species and high biodiversity value and	
		documented in the Identification of High Biodiversity Value (HBV)	
	a) Identification of high biodiversity value habitats, such as rare and threatened ecosystems, that could be significantly affected by	Habitat Area report.	
	the grower(s) activities.	The estate continue to conduct monitoring of wildlife species to identify	
	b) Conservation status (<i>e.g.</i> The International Union on Conservation of Nature and Natural Resources (IUCN) status on legal protection, population status and habitat requirements of rare, threatened, or endangered species), that could be	the status of wildlife in the estate.	
		The estate has identify High Biodiversity Area for Type 2, rare,	
		threatened or endangered ecosystems, habitats or refugia as follows:	
		i. Sg. Maran	
	- Major compliance -	ii. Sg. Chedong	
		iii. Hutan Simpan Berkelah adjacent with estate field 97A	
		iv. Hutan Simpan Betong adjacent with estate field 10A	
		No rare, threatened or endangered species identified in the reports.	
		The estate communicated on the prohibition illegal or inappropriate	
		hunting, fishing or collecting activities to the employee and	
		stakeholders through training, muster briefing and erecting signage at	
		the estate entrance. No RTE identified as per Identification of High	
		Biodiversity Value (HBV) Habitat Area report.	
4.5.6.2	If rare, threatened or endangered species or high biodiversity value, are present, appropriate measures for management planning and	No RTE identified as per Identification of High Biodiversity Value (HBV) Habitat Area report.	Complied

Criterio	on / Indicator	Assessment Findings	Compliance
	operations should include:	Management has been established and documented in Biodiversity	
		Management Plan. In the management plan stated the Biodiversity	
	the species are met.	Areas Identified, Management Action, Monitoring and Indicators, PIC,	
	b) Discouraging any illegal or inappropriate hunting, fishing or collecting activities; and developing responsible measures to	Timeline and status. Sighted the implementation as follows:	
	resolve human-wildlife conflicts.	i. The estate communicated on the prohibition illegal or inappropriate	
	- Major compliance -	hunting, fishing or collecting activities to the employee and	
		stakeholders through training, muster briefing and erecting signage at	
		the estate entrance.	
		ii. Sighted the wildlife monitoring records for the month of May 2020	
		iii. Sighted the HBV monitoring sheet for Appendix 3 (2st quarter 2020)	
4.5.6.3		Management has been established and documented in Biodiversity	Complied
		Management Plan. In the management plan stated the Biodiversity	
		Areas Identified, Management Action, Monitoring and Indicators, PIC,	
		Timeline and status. Sighted the implementation as follows:	
		i. The estate communicated on the prohibition illegal or inappropriate	
		hunting, fishing or collecting activities to the employee and	
		stakeholders through training, muster briefing and erecting signage at	
		the estate entrance.	



Criterio	on / Indicator	Assessment Findings	Compliance		
Criterio	n 4.5.7: Zero burning practices		L		
4.5.7.1	Use of fire for waste disposal and for preparing land for oil palm cultivation or replanting shall be avoided except in specific situations, as identified in regional best practice. - Major compliance -	Zero burning practice as per stated in the Environmental Policy – To practice zero burning on new planting, replanting unless permitted by the relevant regulatory agencies. Zero burning practice for land preparation as stated in the Introduction to Guidelines for Good Agriculture Practice. Refer document no. GAP- 1 dated 1/1/2019	Complied		
4.5.7.2	A special approval from the relevant authorities shall be sought in areas where the previous crop is highly diseased and where there is a significant risk of disease spread or continuation into the next crop. - Major compliance -	No sighted any issue regarding to significant risk of disease spread. Not applicable	Complied		
4.5.7.3	Where controlled burning is allowed, it shall be carried out as prescribed by the Environmental Quality (Declared Activities) (Open Burning) Order 2003 or other applicable laws. - Major compliance -	No controlled burning is allowed as stated in Introduction to Guidelines for Good Agriculture Practice. Refer document no. GAP-1 dated 1/1/2019	Complied		
4.5.7.4	Previous crops should be felled or mowed down, chipped and shredded, windrowed or pulverized or ploughed and mulched Minor compliance -	The previous crop were felled or mowed down, chipped and shredded and windrowed as per Guidelines for Good griculture Practice. Refer document no. GAP-1 dated 1/1/2019	Complied		
4.6 Prin	4.6 Principle 6: Best Practices				
Criterio	Criterion 4.6.1: Site Management				



Criterio	on / Indicator	Assessment Findings	Compliance
4.6.1.1	Standard operating procedures shall be appropriately documented and consistently implemented and monitored. - Major compliance -	NSOP has established the SOP for operation and documented in Introduction to Guidelines for Good Agriculture Practice. The monitoring was done by the Chief Operating Officer Visit on quarterly basis and agronomist on annually basis. The COO visiting reports covers on the Accounting, FFB yield, Harvesting Quality, Other field operations, General Management and expenditure vs budget. The Agronomist visit report covers on the Leaf and Soil Sampling, Rainfall, Best Agronomic Management Practice, Area Statement, Palm Growth and Field Conditions, FFB Production and Yield, Leaf and Soil Analysis and Fertilizer Recommendation. The agronomist report conducted by Agromac Sdn Bhd. Visited on 4 November 2019.	Complied
4.6.1.2	Where oil palm is grown within permitted levels on sloping land, appropriate soil conservation measures shall be implemented to prevent both soil erosion as well as siltation of drains and waterways. Measures shall be put in place to prevent contamination of surface and groundwater through runoff of either soil, nutrients or chemicals.	Terrace and or platform was constructed in sloped that exceed 15 degrees as stated in Introduction to guidelines for good agriculture practice under Oil Palm Terrace and Platform Construction - Guidelines	Complied
4.6.1.3	 Major compliance - A visual identification or reference system shall be established for each field. Major compliance - 	All Estates visited had a visual identification/reference system for each established field/block and maps established. Field numbers and hectare were marked on palms and in some areas on concrete slaps and some using board for identification for each block.	Complied



Criterio	on / Indicator	Assessment Findings	Compliance
4.6.2.1	A documented business or management plan shall be established to demonstrate attention to economic and financial viability through long-term management planning. - Major compliance -	The estates visited has established 10 years business plan and documented in 10 years production, expenditure and profit/loss projection. 2019 – 2028. In the management plans stated:i.Hectare statementii.FFB productioniii.FFB productioniii.FFB purchaseiv.FFB, CPO and PK dispatchv.Production cost	Complied
4.6.2.2	Where applicable, an annual replanting programme shall be established. Long term replanting programme should be established and review annually, where applicable every 3-5 years.	 vi. Yield and area statement The estates visited has established 10 years replanting program base on the palm age with consideration of yield and terrain. Sighted the sampled replanting program as follows 	Complied
	- Major compliance -	Year Ha 2020 103.4 2021 133.41 2022 128.91 2023 135.9 2024 152.62 2025 153.71	

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Criterio	on / Indicator	Assessme	nt Findings	Compliance
4.6.2.3	The business or management plan may contain: a) Attention to quality of planting materials and FFB b) Crop projection: site yield potential, age profile, FFB yield trends c) Cost of production: cost per tonne of FFB d) Price forecast e) Financial indicators: cost benefit, discounted cash flow, return on investment - Major compliance -	for the estate to conduct the dai business plan was documented ir	se (FFB, CPO, PK, OER, KER)	Complied
4.6.2.4	The management plan shall be effectively implemented and the achievement of the goals and objectives shall be regularly monitored, periodically reviewed and documented.	- .	ere reviewed by the Chief Operating ly basis. Sighted the visiting report	Complied



Criterio	on / Indicator	Assessment Findings	Compliance
	- Major compliance -		
Criterio	n 4.6.3: Transparent and fair price dealing		
4.6.3.1	Pricing mechanisms for the products and other services shall be documented and effectively implemented.	Pricing mechanism is guided by NSOP Policies Manual, Feb 2006, Chapter 6.0 Procurement, Ver. 1.0.	Complied
4.6.3.2	All contracts shall be fair, legal and transparent and agreed payments shall be made in timely manner Major compliance -	All the appointed contractors have signed their respective contract agreements with NSOP. Based on sampled vouchers, the payments were made in timely manner.	Complied
Criterio	n 4.6.4: Contractor		
4.6.4.1	Where contractors are engaged, they shall understand the MSPO requirements and shall provide the required documentation and information. - Major compliance -	The contractors were made to understand the MSPO requirements through stakeholders meeting. At Maran Estate for example, verification of a contract agreement between Timor Oil Palm Plantation Bhd and Hasbollah Bin Johari dated 1/1/2020 showed that the details of job description (e.g. harvesting and evacuation), pricing and payment were stated.	Complied
4.6.4.2	The management shall provide evidence of agreed contracts with the contractor.	Copies of the signed contract agreement as mentioned in 4.6.4.1 were available for verification.	Complied
	- Major compliance -		
4.6.4.3	The management shall accept MSPO approved auditors to verify assessments through a physical inspection if required.	There is no objection by the management to accept MSPO approved auditors to verify the assessments through a physical inspection, if required.	Complied



Criterion / Indicator		Assessment Findings	Compliance
	- Minor compliance -		
4.6.4.4	The management shall be responsible for the observance of the control points applicable to the tasks performed by the contractor, by checking and signing the assessment of the contractor for each task and season contracted.	The observance established as Control Points for Contractors; Doc. # MSPO-P6-C4; 11/1/2019 which includes the following: - Work performance parameters - Compliance to safety and health standards - Compliance with laws/statutes/regulations	Complied
	- Major compliance -	- MSPO requirements	
4.7 Prin	ciple 7: Development of new planting		
Critorio			
Criterio	n 4.7.1: High biodiversity value		
4.7.1.1	Oil palm shall not be planted on land with high biodiversity value unless it is carried out in compliance with the National and/or State Biodiversity Legislation.	NA as no new development for oil palm plantations at NSOP estates.	NA
4.7.1.1	unless it is carried out in compliance with the National and/or State	NA as no new development for oil palm plantations at NSOP estates.	NA
4.7.1.1	unless it is carried out in compliance with the National and/or State Biodiversity Legislation.	NA as no new development for oil palm plantations at NSOP estates.	NA



Criterio	on / Indicator	Assessment Findings	Compliance
4.7.2.1	New planting and replanting may be developed and implemented on peat land as per MPOB guidelines on peat land development or industry best practice. - Major compliance -	NA as no new development for oil palm plantations at NSOP estates.	NA
Criterio	n 4.7.3: Social and Environmental Impact Assessment (SEIA)		
4.7.3.1	A comprehensive and participatory social and environmental impact assessment shall be conducted prior to establishing new plantings or operations.	NA as no new development for oil palm plantations at NSOP estates.	NA
	- Major compliance -		
4.7.3.2	 SEIAs shall include previous land use or history and involve independent consultation as per national and state regulations, via participatory methodology which includes external stakeholders. Major compliance - 	NA as no new development for oil palm plantations at NSOP estates.	NA
4.7.3.3	The results of the SEIA shall be incorporated into an appropriate management plan and operational procedures developed, implemented, monitored and reviewed. - Major compliance -	NA as no new development for oil palm plantations at NSOP estates.	NA
4.7.3.4	Where the development includes smallholder schemes of above 500ha in total or small estates, the impacts and implications of how each scheme or small estate is to be managed should be documented	NA as no new development for oil palm plantations at NSOP estates.	NA



Criterio	n / Indicator	Assessment Findings	Compliance
	and a plan to manage the impacts developed, implemented, monitored and reviewed Minor compliance -		
Criterion	4.7.4 : Soil and topographic information		1
4.7.4.1	Information on soil types shall be adequate to establish the long-term suitability of the land for oil palm cultivation. - Major compliance -	NA as no new development for oil palm plantations at NSOP estates.	NA
4.7.4.2	Topographic information shall be adequate to guide the planning of planting programmes, drainage and irrigation systems, roads and other infrastructure.	NA as no new development for oil palm plantations at NSOP estates.	NA
	- Major compliance -		
Criterion	4.7.5 : Planting on steep terrain, marginal and fragile soils		
4.7.5.1	Extensive planting on steep terrain, marginal and fragile soils shall be avoided unless permitted by local, state and national laws.	NA as no new development for oil palm plantations at NSOP estates.	NA
	- Major compliance -		
4.7.5.2	Where planting on fragile and marginal soils is proposed, plans shall be developed and implemented to protect them and to minimize adverse impacts (e.g. hydrological) or significantly increased risks (e.g. fire risk) in areas outside the plantation.	NA as no new development for oil palm plantations at NSOP estates.	NA
	- Major compliance -		



Criterio	on / Indicator	Assessment Findings	Compliance
4.7.5.3	Marginal and fragile soils, including excessive gradients and peat soils, shall be identified prior to conversion. - Major compliance -	NA as no new development for oil palm plantations at NSOP estates.	NA
Criterio	n 4.7.6: Customary land		
4.7.6.1	No new plantings are established on recognised customary land without the owners' free, prior and informed consent, dealt with through a documented system that enables indigenous peoples, local communities and other stakeholders to express their views through their own representative institutions.	NA as no new development for oil palm plantations at NSOP estates.	NA
	- Major compliance -		
4.7.6.2	Where new plantings on recognised customary lands are acceptable, management plans and operations should maintain sacred sites.	NA as no new development for oil palm plantations at NSOP estates.	NA
	- Minor compliance -		
4.7.6.3	Where recognized customary or legally owned lands have been taken-over, the documentary proof of the transfer of rights and of payment or provision of agreed compensation shall be made available.	NA as no new development for oil palm plantations at NSOP estates.	NA
	- Major compliance -		
4.7.6.4	The owner of recognised customary land shall be compensated for any agreed land acquisitions and relinquishment of rights, subject	NA as no new development for oil palm plantations at NSOP estates.	NA



Criterio	on / Indicator	Assessment Findings	Compliance
	to their free prior informed consent and negotiated agreement. - Major compliance -		
4.7.6.5	Identification and assessment of legal and recognised customary rights shall be documented Major compliance -	NA as no new development for oil palm plantations at NSOP estates.	NA
4.7.6.6	A system for identifying people entitled to compensation and for calculating and distributing fair compensation shall be established and implemented. - Major compliance -	NA as no new development for oil palm plantations at NSOP estates.	NA
4.7.6.7	The process and outcome of any compensation claims shall be documented and made publicly available. - Major compliance -	NA as no new development for oil palm plantations at NSOP estates.	NA
4.7.6.8	Communities that have lost access and rights to land for plantation expansion should be given opportunities to benefit from the plantation development. - Minor compliance -	NA as no new development for oil palm plantations at NSOP estates.	NA



MS 2530-4:2013 Malaysian Sustainable Palm Oil (MSPO) Part 4: General principles for Palm Oil Mill.

Criterio	on / Indicator	Assessment Findings	Compliance		
4.1 Prin	4.1 Principle 1: Management commitment & responsibility				
Criterio	n 4.1.1 – Malaysian Sustainable Palm Oil (MSPO) Policy				
4.1.1.1	Policy for the implementation of MSPO shall be established. - Major compliance -	 NSOP has established its various policies to drive the organization towards the implementation of MSPO. Among the policies are: Sustainability Policy Environmental Policy Social and Human Rights Policy Occupational Safety and Health Policy 	Complied		
4.1.1.2	The policy shall also emphasize on the commitment to continual improvement with the objective of improving the milling operation. - Major compliance -	The statement about the organisation shall continuously reviews and improve operations with respect to social, environmental and economic sustainability, guided by the principles of MSPO and best practice is emphasized in the Sustainability Policy.	Complied		
Criterio	n 4.1.2 — Internal Audit				
4.1.2.1	Internal audit shall be planned and conducted regularly to determine the strong and weak points and potential area for further improvement.	Internal audit implemented based on Sustainability MSPO Procedure Title: Internal Audit; Doc. # MSPO-01; Rev. 0; Date: 1/7/2018. Sighted Internal Audit Schedule(Appendix 1) for the audit as following:	Complied		
	- Major compliance -	Maran POM			
		Internal audit – 20-21/5/2020			
		NCR – 2 NC, close on 8/6/2020			

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Criterio	on / Indicator	Assessment Findings	Compliance
4.1.2.2	The internal audit procedures and audit results shall be documented and evaluated, followed by the identification of strengths and root causes of nonconformities, in order to implement the necessary corrective action.	The internal audit procedure (MSPO-01 dated 1 /7/2018) was documented. The root cause and corrective action was available and close the nc accordingly after management review.	Complied
	- Major compliance -		
4.1.2.3	Reports shall be made available to the management for their review.	In Gula Estate POM and Maran estate POM the report available as	Complied
	- Major compliance -	MSPO-P1-C2; Appendix 4 Non-Conformance Form & Appendix 5 Internal Audit Report.	
Criterio	n 4.1.3 – Management Review		
4.1.3.1	The management shall periodically review the continuous suitability, adequacy and effectiveness of the requirements for effective implementation of MSPO and decide on any changes, improvement and modification.	The management review procedure referred to Ref no.: MSPO-02 dated 1 July 2018. In Maran POM, the management review was conducted on 10 June 2020. The discussion was include the continuous suitability, adequacy and effectiveness of the requirements for effective implementation of MSPO	Complied
	- Major compliance -		
Criterio	n 4.1.4 – Continual Improvement		
4.1.4.1	The action plan for continual improvement shall be based on a	Action plan for continual improvement recorded as MSPO-P1-C4;	Complied
	consideration of the main social and environmental impact and opportunities for the company.	Management Commitment & Responsibility – Continual Improvement such as :-	•
	- Major compliance -	1. To install water filter for consumption and new piping line from reservoir	

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Criterio	on / Indicator	Assessment Findings	Compliance
		2. To renew workers housing for year 2020	
		New building for Scheduled waste to ensure all SW generate was store properly.	
		4. To construct new Staff house	
		Geotube installation to increase and improve final discharge quality	
		Increase effluent pond bund height to prevent water flow over and pollution.	
4.1.4.2	The company should establish a system to improve practices in line with new information and techniques; and for disseminating this information throughout the workforce. - Major compliance -	The company established the system as per MSPO Title: Latest	Complied
		Technology and Systems, Standards and Practices; Ref. # MSPOP1- 2. Sample as per below:-	complica
		- Life Enhancement Technologies	
		- Air Pollution Control System (APCS)	
		- Online Measurement of Opacity and TPM	
		- Mechanized Collection of FFB	
		- Methane Capture	
		- Mechanized Loose Fruit Collection	
4.2 Prin	ciple 2: Transparency		



Criterio	on / Indicator	Assessment Findings	Compliance
4.2.1.1	The management shall communicate adequate information to other stakeholder on environmental, social and legal issues relevant to sustainable practices in the relevant languages and forms. - Major compliance -	Communication implementation were based on procedure title: Stakeholder Communication & Consultation Procedure, MSPO-P2- C2, ver. 1.00, rev. 1.02, dated 8/5/2019. Stakeholders records will use the following: - Stakeholders List (Appendix 1) - Stakeholders Concerns and Resolution Matrix (Appendix 2) - Grievances/Complaints Form (Appendix 3) - Information Request Form – MSPO Related (Appendix 4) Records of communication available at individual operating units audited.	Complied
4.2.1.2	The management documents shall be publicly available, except where this is prevented by commercial confidentiality or where disclosure of information would result in negative environmental or social outcomes. - Major compliance -	 Management has made the documents public as per List of Public Documents available for MSPO Stakeholder Inspection, Doc No: MSPO-P2-C1 Version Control 1 dated 01 January 2019. Among the public document shared are: All MSPO policies and licenses Safety and health plan Plans and impact assessment relating to social impact Plans and impact assessment relating to environmental impact and pollution prevention plan Records of complaints and grievances Continual improvement plan 	Complied



Criterio	on / Indicator	Assessment Findings	Compliance
4.2.2.1	Procedures shall be established for consultation and communication with the relevant stakeholders.	Ref.: NSOP Stakeholder Communication & Consultation Procedure, MSPO-P2-C2, ver. 1.00, rev. 1.02, dated 8/5/2019.	Complied
	- Major compliance -		
4.2.2.2	The management shall nominate management officials at the operating unit responsible for issues related to <i>indicator 1</i> .	The Estate Mangers are the appointed PIC to handle any issues related to Indicator 1 (Clause 3 of the above procedure).	Complied
	- Minor compliance -		
4.2.2.3	A list of stakeholders, records of all consultation and communication and records of action taken in response to input from stakeholders shall be properly maintained.	Stakeholder list for all the visited estates were available from various background, which are MPOB, Orang Asli representative, contractors & suppliers, neighbouring estates, etc. The lists were updated from time to time whenever necessary.	Complied
	- Major compliance -	apaded from time to time whenever necessary.	
Criterio	n 4.2.3 – Traceability		
4.2.3.1	The management shall commit itself to implement and maintain the requirements for the traceability and shall establish a standard operation procedure for traceability.	Traceability requirements established as SOP for Products Traceability Title: Traceability for Estate/Palm Oil Mill Products; Ref. # MSPO-08; Rev. 00; Date: 1/7/2018	Complied
	- Major compliance -	And also MSPO Workflow for traceability (MSPO-P3-C3) dated 6 May 2019.	
4.2.3.2	The management shall conduct regular inspections on compliance with the established traceability system.	Regular inspections conducted by management including internal audit as per indicator 4.1.2.1.	Complied
	- Major compliance -		
4.2.3.3	The management shall identified and assign suitable employees to	Appointment was made as following:	Complied


Criterion / Indicator		Assessment Findings	Compliance	
	implement and maintain traceability system.	Maran POM:		
	- Minor compliance -	MSPO Committee Traceability Officer; Pn. Norisah		
		Chik (Office Clerk); Date: 1/1/2019 & Pn. Rosmizon Ramli (Lab		
		Assistant); Date: 1/1/2019		
4.2.3.4	Records of storage, sales, delivery or transportation of crude palm	Records of sales, delivery/transportation maintained as per	Complied	
	oil and palm kernel shall be maintained.	following samples:	complica	
	- Major compliance -			
		Input:		
		Sampled the weighbridge ticket in 31 May 2019 as below:		
		Weighbridge ticket: 321262		
		Supplier: Gula Estate		
		Transporter: ACU 2349		
		Product: Fresh Fruit Bunch		
		Contract: -		
		Nett weight: 7,330 kg		
		Date: 31/5/2020		
		External FFB input:		
		Weighbridge ticket: 314312		

Criterio	n / Indicator	Assessment Findings	Compliance
		Supplier: Teoh Ah Bah	
		Transporter: CAR 1391	
		Product: Fresh Fruit Bunch	
		Contract: -	
		Nett weight: 7,420 kg	
		Out put:	
		Weighbridge Ticket: 13813	
		Product: CPO	
		Customer: XXXX	
		Vehicle No: NDH 2959	
		Contract No: ETPO/008/20	
		Nett weight: 36,970kg	
		Date: 24/04/2020	
4.3 Prin	ciple 3: Compliance to legal requirements		
Criterio	1 4.3.1 – Regulatory requirements		
4.3.1.1	All operations shall be in compliance with applicable local, state, national and ratified international laws and regulations.	A mechanism to ensure compliance to legal and other requirement has been documented in Law enforcement File & Compliance to Legal Requirements – Updates on Legal Matters Doc: MSPO-P3-C1.	Complied

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Criterion / Indicator	Assessment Findings	Compliance
- Major compliance -	Sample of licenses or permit viewed were:	
	 Water extraction license (SWUL/LPSA/68/2018) with supporting document from Badan Kawal Selia Air (SUKPHG-12.700-15/3/1(37) dated 19/12/2019. 	
	 Weighbridge certificate by Metrology Corporation Malaysia under no B1402489 dated 7/8/2019 	
	3. Power Generation License valid until 10/2/2021	
	4. MPOB license 501490802000 valid until 31/3/2021	
	 Jadual Pematuhan (004131) JP/KKS/2019/2020/004131 valid from 1/7/2019 until 30/6/2020. 	
	 Jadual Pematuhan License (AS(B)A91/110/616/049(12)) license no. 004231. For to comply with black smoke regulation 2014, the mill management have the intervene license from DOE referred license no AS(B)A31/152/000/014. 	
	 MPOB License for Gula estate mill 500028104000 valid until 31/3/2021. 	
	 KPDNKK license A000654 for Diesel (Euro 2M), this in progress for renewal, sighted the evidence of renewal application in BLESS system dated 14/5/2020. 	
	 License purchase, store and use of Sodium Hydroxide was available license no 000330 was comply with Poison Ordinance 1952. 	



Criterio	on / Indicator	Assessment Findings	Compliance
		10. License to generate electricity (license no 2020/01009) valid until 29/5/2021.	
4.3.1.2	The management shall list all relevant laws related to their operations in a legal requirements register. - Major compliance -	 Applicable legal requirements listed as Register of Laws and List of Relevant Act, Laws and Regulations; MSPO-P3-1 as per sample sighted: Legal Registry for Financial Year 2020 (Gula Estate POM); Date: 30/4/2020 	Complied
4.3.1.3	The legal requirements register shall be updated as and when there are any new amendments or any new regulations coming into force.	Chief Administrator in HQ will notify any update and/or changes in legal requirements.	Complied
4.3.1.4	The management should assign a person responsible to monitor compliance and to track update the changes in regulatory requirements. - Minor compliance -	Management assigned either Mill Engineers or Chief Clerks as person responsible to monitor compliance and tracking/updating changes in legal requirements. Sighted sample letter of appointment as following: In Gula Mill management already appoint Mr Pannirselvan A/L Murugan dated 1 Feb 2019.	Complied
		 The monitoring was done and verified as per below;- 1. Medical surveillance was done annually as per recommendation by CHRA assessor, latest record was on 20 Feb 2019 with total 21. For year 2020 the management already send 22 workers for medical surveillance on June 2020. The result still pending at 	

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Criterion / Indicator	Assessment Findings	Compliance
	Poliklinik Ar Razi (DOSH Reg. No: HQ/11/DOC/00/206). Latest OHD HQ/18/DOC/00/00223 valid until 1/7/2021.	
	 Audiometric test report done periodically, the record available for review. Conducted by Industrial Safety Management Services (HQ/15/DOC/00416). The result recorded no hearing impairment and no Standard threshold. In Gula estate POM, the Audiometric test conducted on 18/12/2019, from the result found 2 with hearing impairment and 23 with STS. 	
	3. Hearing conservation training will be done on 15/7/2020 refer letter J31-1808-31018397	
	 Isokinetic Monitoring conducted on 29 June 2019 by Envision Service, The result was less than according to specification of Malaysia Environmental Quality limit of 0.4g/Nm3. 	
	 Boundary Noise monitoring report in Maran Mill by Industrial Safety Management Services. The result was meet the requirement as specific by the Planning Guidelines for Environmental Noise Limits and Control 2004. 	
	 Noise Risk Assessment already been conducted on 9/6/2020 by CNL Consultants (Northern) Sdn Bhd. The result was still pending. 	
	 JKKP 7 was sent dated 6/5/2020, In Gula Estate POM, already send medical surveillance on 12 November 2019. 	



Criterion / Indicator		Assessment Findings	Compliance		
		2 person of Lab operator was send and result they fit to work.			
Criterior	n 4.3.2 – Lands use rights				
4.3.2.1	The management shall ensure that their oil palm milling activities do not diminish the land use rights of other users.	The land titles for both mills are shared with Gula Estate and Maran Estate respectively.	Complied		
	- Major compliance -				
4.3.2.2	The management shall provide documents showing legal ownership or lease, history of land tenure and the actual legal use of the land.	The land titles for both mills are shared with Gula Estate and Maran Estate respectively.	Complied		
	- Major compliance -				
4.3.2.3	Legal parameter boundary markers should be clearly demarcated and visibly maintained on the ground where practicable.	The mills visited were located in the sister estate (Gula Estate and Maran Estate). Mill boundary were demarcated with fences.	Complied		
	- Major compliance -				
4.3.2.4	Where there are, or haven been disputes, documented proof of legal acquisition of land and fair compensation that have been or are being made to previous owners and occupants; shall made available and that these should have been accepted with free prior informed consent (FPIC).	So far, there is no dispute with any stakeholders with regards to land use right. Should there be any, FPIC as per established procedure title: FPIC with Respect to Land Use Rights and Customary Rights; MSPO-P3-C2; Rev. 1.01; Date: 22/5/2019, will apply.	Complied		
	- Minor compliance -				
Critorior	Criterion 4.3.3 – Customary rights				



Criterio	on / Indicator	Assessment Findings	Compliance
4.3.3.1	Where lands are encumbered by customary rights, the company shall demonstrate that these rights are understood and are not being threatened or reduced.	There is no customary rights land at all the visited mills.	Complied
	- Major compliance -		
4.3.3.2	Maps of an appropriate scale showing extent of recognized customary rights shall be made available.	There is no customary rights land at all the visited mills.	Complied
	- Minor compliance -		
4.3.3.3	Negotiation and FPIC shall be recorded and copies of the relevant agreements should be made available.	There is no customary rights land at all the visited mills.	Complied
	- Major compliance -		
4.4 Prin	ciple 4: Social responsibility, health, safety and employn	nent condition	
Criterio	n 4.4.1: Social Impact Assessment (SIA)		
4.4.1.1	Social impacts should be identified and plans should be implemented to mitigate the negative impacts and promote the positive ones.	Ref.: Social Impact Assessment (SIA) Procedure, MSPO-P4-C1, rev. 00, dated 1/7/2018.	Complied
	- Minor compliance -		
		ME POM, LG POM	
		Stakeholders consultation was done by sending questionnaires through e-mail in May 2020 due to MCO. The questionnaire was meant to collect information related to social impact evaluation. The estates are still in the midst of analysing its stakeholders' feedbacks in order to finalise mitigation measures and expected to be completed by end of June 2020. AT the point of this visit, there was	



Criterio	on / Indicator	Assessment Findings	Compliance
		no negative feedback from any stakeholders through the answers given in some of the questionnaire returned.	
Criterio	n 4.4.2: Complaints and grievances		
4.4.2.1	A system for dealing with complaints and grievances shall be established and documented.	Ref.: Grievance & Complaints Handling Procedure, MSPO-P4-C2, rev. 1.01, dated 8/5/2019	Complied
	- Major compliance -		
4.4.2.2	The system shall be able to resolve dispute in an effective, timely and appropriate manner, which is accepted by all parties. - Major compliance -	Based on the sampled complaints from the workers which were mostly on housing facility defects, the complaints were resolved on timely manner. Verification on site also confirmed the complaints were addressed accordingly.	Complied
4.4.2.3	A complaint form should be made available at the premises, where employees and affected stakeholders can make complaints.	Governed under Grievance & Complaints Handling Procedure, MSPO-P4-C2, rev. 1.01, dated 8/5/2019	Complied
	- Minor compliance -	Ref.: Grievances/Complaints/Feedback Form. Mostly complaints received were on housing defects. Based on the complaint form records, all the issues were resolved within the timeframe defined in the procedure i.e. <14 days.	
4.4.2.4	Employees and surrounding communities should be made aware of its existence and that complaints or suggestions may be made at any time.	The employees and the surrounding communities were made aware of the complaint procedure through stakeholders meeting and regular briefing. Based on interview, the sampled employees and stakeholders had sufficient awareness on the procedure.	Complied
	- Minor compliance -		
4.4.2.5	Complaints and solutions within the past 24 months shall be documented and be made available to affected stakeholders upon	All the visited mills have maintained their complaints and resolution records since early last year.	Complied



Criterio	n / Indicator	Assessment Findings	Compliance
	request. - Major compliance -		
Criterio	1 4.4.3: Commitment to contribute to local sustainable developm	nent	
4.4.3.1	Palm oil miller should contribute to local development in consultation with the local communities. Where the mill is an integral part of plantation, such contribution to local community development may be regarded as a joint effort by the mill and the plantation.	Contributions are shared with the estates. Refer to Indicator 4.4.3.1 of MSPO Part 3.	Complied
	- Minor compliance -		
Criterio	1 4.4.4: Employees safety and health		
4.4.4.1	An occupational safety and health policy and plan which is in line with Occupational Safety and Health Act 1994 and Factories and Machinery Act 1967 (Act 139) shall be documented, effectively communicated and implemented.	NSOP Berhad has established Safety and Health Policy signed by	Complied
		the Executive Chairman dated 2/1/2019.	
		In the policy stated the commitment to comply with the Occupational Safety and Health Act 1994 and Factory and	
	- Major compliance -	Machinery Act 1967 towards achieving zero incidences.	
		The mill has established the safety and health plan and documented in Safety and Health Program for the Year 2019: Mill. The program divided into General, workplace inspection, training program, safety, health and environment, emergency response plan, vehicle safety, OSH reporting/evaluation and OSH training/seminars/course.	

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Criterio	n / Indicator	Assessment Findings	Compliance
4.4.4.2	 The occupational safety and health plan should cover the following: a) A safety and health policy, which is communicated and implemented. b) The risk of all operations shall be assessed and documented. c) An awareness and training programme which includes the following requirements for employees exposed to chemicals used at the palm oil mill: 	 a) OSH Policy NSOP Berhad has established Safety and Health Policy signed by the Executive Chairman dated 13/5/2019. The policy was communicated through tool box meeting, morning muster briefing and displayed at several designated notice board in the mill. Noted during interview with the workers shows the understanding on the Safety and Health Policy among the workers. b) The chamical basard risk assessment (CHDA) available for 	Complied
	i. All employees involved are adequately trained on safe working practices;ii. All precautions attached to products should be properly observed and applied;d) The management shall provide the appropriate PPE at the place	b) The chemical hazard risk assessment (CHRA) available for review. Latest was done on 23 April 2015. Already renew on 18/5/2020 by CNL Consultants (Northern) Sdn Bhd. Report still pending. HIRARC review was done periodically or when accident happen. Latest record was dated 9 March 2020.	
 of work to cover all potentially hazardous operations as identified in the risk assessment and control such as Hazard Identification, Risk Assessment and Risk Control (HIRARC). e) The management shall establish Standard Operating Procedure for handling of chemicals to ensure proper and safe handling and storage in accordance to Occupational Safety Health (Classification Packaging and Labeling) Regulation 1997 Occupational Safety Health (Use and Standard of Exposure of Chemical Hazardous to Health) Pegulation 2000 	c) The awareness training program for employee exposed to chemicals has been included in the training program established. The training programme was by individual base. Latert undeted was on 4 June 2020.		
	for handling of chemicals to ensure proper and safe handling and storage in accordance to Occupational Safety Health (Classification Packaging and Labeling) Regulation 1997 Occupational Safety Health (Use and Standard of Exposure of	 base. Latest updated was on 4 June 2020. d) NSOP Berhad has provided all PPE to all the workers base on job type and designation following the HIRARC and the Occupational Safety and Health Manual for Plantation Workers. Sighted the PPE issuance records for safety shoes, wellington boots, and ear plug recorded in the PPE 	
	f) The management shall appoint responsible person(s) for workers' safety and health. The appointed person(s) of trust shall have knowledge and access to latest national regulations and collective agreements.	Issue logbook (Maran POM) and PPE issuance records – Safety Equipment, PPE Requisition and Issuing Record Book (Gula POM).	
	g) The management shall conduct regular two-way communication with their employees where issues that affect their business	e) NSOP Berhad has established SOP for chemical handling and documented in and the Occupational Safety and Health	

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Criterion /	Indicator		Assessment Findings	Compliance
	such as those related to employees' safety, health and welfare are discussed openly. Records from such meeting shall be kept ant the concerns of employees and any remedial actions taken shall be recorded.		Manual for Plantation Workers. Refer SOP 'Penggunaan Kerja Selamat Penggunaan Bahan Kimia/Racun; Procedure no. SOP/CHEMICAL/09; Rev. no. 02; Date: 15/12/2017 – Labelling: Panduan Label Bahan Kimia.	
h) i)	h) Accident and emergency procedures shall exist and instructions shall be clearly understood by all employees.i) Employees trained in First Aid shall be present at all mill	f)	Gula estate POM has appointed the Safety Supervisor as per 'Surat Lantikan Ahli Jawatankuasa MSPO sebagai Safety Officer' date 1/2/2019 signed by the mill manager.	
j)	operations. First Aid equipment should be available at each worksite. Records shall be kept of all accidents and be reviewed	g)	For Maran Estate POM, latest record was on 1 June 2020, sighted no record of accident dated. Previously meeting was on 30 March 2020 and 27 May 2020.	
- N	periodically at quarterly intervals. 1ajor compliance -	h)	NSOP Berhad has established Standard Operating Procedure for accident and emergency and documented in Emergency Response Plan (Pelan Tindakan Kecemasan); Appendix F5, Major Spillage (Appendix F6), Incident (Appendix F2), Physical Injury (Appendix F1). The training regarding ERP been conducted on 30 may 2020 by Mr Kasturi Ali.	
		i)	The First aid training was conducted accordingly in Mill. Dated May 2020. All first aider was attended the training and understand as per interview verification.	
		j)	The JKKP 8 record was available, JKKP 8/31268/2019 delivered to DOSH on 23/1/2020. No accident happen in Mill. One accident record for Gula Estate regarding harvesting area with 14 Day MC. (accident date 12/12/2019) HIRARC review was on 14/12/2019. SOCSO	



Criterion / Indicator		Assessment Findings	Compliance
		claim on 18/12/2019. Evidence of claim received was on 9/1/2020 referred voucher no D4200306/2020.	
Criterio	n 4.4.5: Employment conditions		
4.4.5.1	The management shall establish a policy on good social practice regarding human rights in respect of industrial harmony. The policy shall be signed by the top management and communicated to the employees.	The Social and Human Rights Policy is available in the office notice board signed by Mr. Goh Wei Lei, Executive Chairman dated 2/1/2019. The methods used to communicate the policy are by briefing during muster call and display at notice boards.	Complied
	- Major compliance -		
4.4.5.2	practices and shall provide equal opportunity and treatment regardless of race, colour, sex, religion, political opinion, nationality, social origin or any other distinguishing characteristics.	The Social and Human Rights Policy is available in the office notice board signed by Mr. Goh Wei Lei, Executive Chairman dated 02.01.2019.	Complied
		It is stated that the company will not engage in or support	
	- Major compliance -	discriminatory practices and shall provide equal opportunity and treatment regardless of race, colour, sex, religion, political opinion, nationality, social origin or any other distinguishing characteristics. Based on the interview with the workers, there has been no experience of any form of discrimination.	
4.4.5.3	Management shall ensure that employees' pay and conditions meet legal or industry minimum standards as per Collective Agreements. The living wage should be sufficient to meet basic needs and provide some discretionary income based on minimum wage. - Major compliance -	For local, a standard format of appointment letter is available (version 2. 01/19). For foreign workers, employment contract (version 1. 01/19) is used. Based on the agreements, it was noted that the employees' pay and conditions meet legal or industry minimum standards.	Complied



Criterio	on / Indicator	Assessment Findings	Compliance
4.4.5.4	Management should ensure employees of contractors are paid based on legal or industry minimum standards according to the employment contract agreed between the contractor and his employee.	There are no contractor workers in ME POM and Ladang Gula POM.	Complied
	- Minor compliance -		
4.4.5.5	The management shall establish records that provide an accurate overview of all employees (including seasonal workers and subcontracted workers on the premises). The records should contain full names, gender, date of birth, date of entry, a job description, wage and the period of employment.	Lists of workers and staff were available at both visited mills. The list consists the information about name, gender, DOB, IC/Passport No., passport expiry date, work permit expiry date, designation and date of join.	Complied
	- Major compliance -		
4.4.5.6	All employees shall be provided with fair contracts that have been signed by both employee and employer. A copy of employment contract shall be made available for each and every employee indicated in the employment records.	The employment contract is available and signed by both employee and employer. All the sampled employment contracts and appointment letters were signed by the employees.	Complied
	- Major compliance -		
4.4.5.7	The management shall establish a time recording system that makes working hours and overtime transparent for both the employees and employers.	Punch card is used to record the working days and overtime of all workers. Verification of the check roll confirm that the working days and overtime is tally with the payslips.	Complied
	- Major compliance -		
4.4.5.8	The working hours and breaks of the individual worker indicated in the time records shall comply with legal regulations and collective	The break time is stated in "Butir-butir Syarat-syarat Pekerjaan" i.e. 1100-1200 hr of 0730-1630 working hours.	Complied



Criterio	n / Indicator	Assessment Findings	Compliance
	agreements. Overtime shall be mutually agreed upon and shall meet the legal requirements applicable.	Verification of payslips and time recording system (punch card) showed that the overtimes were paid accordingly.	
	- Major compliance -		
4.4.5.9	Wages and overtime payment documented on the pay slips shall be in line with legal regulations and collective agreements.	Based on samples, all wages met the minimum standard and employment contract.	Complied
	- Major compliance -		
4.4.5.10	Other forms of social benefits should be offered by the employer to employees, their families or community such as incentives for good work performance, bonus payment, support of professional development, medical care provisions and improvement of social surroundings.	Other form of social benefits as sighted in the pay slip including company's contributions of EPF, SOCSO and EIS. Medical care and health provisions also provided for entire work force.	Complied
	- Minor compliance -		
4.4.5.11	In cases where on-site living quarters are provided, these quarters shall be habitable and have basic amenities and facilities.	The workers are provided with free housing and electricity and water supply. Weekly inspection is done, and reports were available for verification.	Complied
	- Major compnance -	Deligy established as Social and Human Dights Deligy, Signed by	
4.4.5.12	The management shall establish a policy to prevent all forms of sexual harassment and violence at the workplace.	Policy established as Social and Human Rights Policy; Signed by Executive Chairman (Goh Wei Lei); Date: 2/1/2019. Stated to provide workplace free of violence and sexual harassment whether	Complied
	- Major compliance -	directly or indirectly against all employees and stakeholders. Also referred to the Definition of Sexual Harassment; Ver. Control: 1.00; Date: 29/8/2018; Rev; Source: ILO. To-date, there have been no report related to sexual harassment or violence. There has been no	



Criterio	n / Indicator	Assessment Findings	Compliance
		complain with regards to sexual harassment so far at both visited mills.	
4.4.5.13	The management shall respect the right of all employees to form and join trade union and allow workers' own representative(s) to facilitate collective bargain in accordance with applicable laws and regulations. Employees shall be given freedom to join trade unions relevant to the industry or organize themselves for collective bargaining. Employees shall have the right to organize and negotiate their work conditions. Employees exercising this right should not be discriminated against or suffer repercussions. - Major compliance -	There is no restriction of worker to form any trade union or workers committee e.g. at Ladang Gula POM, there are 25 members of NUPW.	Complied
4.4.5.14	Children and young persons shall not be employed or exploited. The minimum age shall comply with local, state and national legislation. - Major compliance -	Established as Social and Human Rights Policy; Signed by Executive Chairman (Goh Wei Lei); Date: 2/1/2019. Stated prohibit employment by coercion. Children and young persons shall not be employed or exploited, the minimum age shall comply with local state and national legislation. Based on the employee master lists at all the visited estates, there was no evidence that children or young persons have been recruited.	Complied
Criterion	4.4.6: Training and competency		
4.4.6.1	All employees and contractors shall be appropriately trained. A training programme shall include regular assessment of training needs and documentation, including records of training. - Major compliance -	The mill has established the training program and documented in Safety and Health Program FY 2020: Mill under section training. The training program was done based on the training need analysis conducted and reviewed on annually basis.	Complied



Criterio	on / Indicator	Assessment Findings	Compliance
4.4.6.2	Training needs of individual employees shall be identified prior to the planning and implementation of the training programmes in order to provide the specific skill and competency required to all employees based on their job description.	The mill has conducted the training need analysis to determine the training requirement for the management, employee and contractors and documented in Training Need Analysis, Plan and Implementation 2020. The analysis was conducted on annually basis.	Complied
	- Major compliance -		
4.4.6.3	A continuous training programme shall be planned and implemented to ensure that all employees are well trained in their job function and responsibility in accordance to the documented training procedure.	The estates visited has established training program which reviewed and updated on annually basis and documented in SOP training program and Safety and Health Program FY 2019: Field. Training record:-	Complied
	- Minor compliance -		
		Awareness to Corona Virus training on 19/3/2020	
		Safety working procedure for replanting on 24/8/2019	
		Emergency respone training 24/8/2019	
		Tractor safety driving training 15/3/2020	
		PPE training and spraying training on 26/3/2019	
		Premix safety training on 8/10/2019	
		Safety signage training on 22/4/2020	
		PPE guidelines training on 18/7/2019	
		Application fertiliser training on 15/4/2020	
		Chemical safety and hazard training 14/3/2019	
		Fit test chemical training on 25/2/2019	

Criterio	on / Indicator	Assessment Findings	Compliance
Gula Estate POM Training on Safety work in workshop dated 25/6/2020 Training on Safety work in kernel area dated 17/6/2020 Training on Air Lock in Kernel area dated 17/6/2020 Training on Forklift safety dated 17/6/2020 Training on Forklift safety dated 17/6/2020 Fire Fighting Training dated 23/4/2019 Fire Fighting Training dated 23/12/2019 4.5 Principle 5: Environment, natural resources, biodiversity and ecosystem services Ecosystem services Criterion 4.5.1: Environmental Management Plan Ecosystem services			
4.5.1.1	An environmental policy and management plan shall be in line with the relevant country and state environmental laws shall be established, effectively communicated and implemented. - Major compliance -	NSOP Berhad has established the Environmental Policy signed by the Executive Chairman dated 2/1/2019. The policy stated the Company commitment in protecting the environment and ensure necessary effort is taken to reduce the impact on the environment from the estates and mill operation in line with EQA 1974 and other applicable laws and regulations. The policy was communicated to the employee through training, tool box meeting and displayed at the designated notice board in the mill.	Complied
4.5.1.2	 The environmental management plan shall cover the following: a) An environmental policy and objectives; b) The aspects and impacts analysis of all operations - Major compliance - 	Maran POM The mill has conducted the aspects and impacts analysis of all operations and documented in the Environmental Aspect Impact Assessment Guidance for Maran Palm Oil Mill. The mill has established environmental management plan base on the aspect	Complied

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Criterio	n / Indicator	Assessment Findings	Compliance
		and impact analysis conducted. The management plan was reviewed on annually basis. Latest review was conducted on 13/5/2019.	
		Sighted the implementation of the management plan as follows:	
		 Sighted River water analysis BVAQ Reference: 20-65960a dated sampling on 4 March 2020 to monitoring and prevent pollution of surface and groundwater for Sg Chedong and Sg Maran. 	
		 Online environmental report (OER) was been done periodically report to DOE. Latest record was available for 1 June 2020. The POME that release to the water stream was according to DOE recommendation. 	
		 The waste disposal as per Jadual Pematuhan was recorded accordingly. All efb and decanter cake disposed as mulching in field. For year 2019 total disposal recorded 23,861 Mt in estate field. 	
4.5.1.3	An environmental improvement plan to mitigate the negative impacts and to promote the positive ones, shall be developed, implemented and monitored.	The mills visited has established the environmental plan based on the aspects and impacts analysis conducted and documented in the Environmental Aspect Impact Assessment for Estate. The management plan was established for the activity which give	Complied
	- Major compliance -	significant impact for the environment. The management plan were reviewed annually basis.	



Criterio	on / Indicator	Assessment Findings	Compliance
4.5.1.4	A programme to promote the positive impacts should be included in the continual improvement plan. - Minor compliance -	The mill has established environmental management plan base on the aspect and impact analysis conducted include the program to promote the positive impacts as follows: i. Mulching EFB within estate ii. Disposal of boiler ash and decanter solid within estate iii. Parameter of final discharge POME within limit iv. Provide transparent information about quality of environment to stakeholder v. Shell and fibre wastes are used as fuel for steam production	Complied
4.5.1.5	An awareness and training programme shall be established and implemented to ensure that employees understand the policy, objectives and management plans and are working towards achieving objectives.	The Mill has established the training program documented in the Safety and Health Program FY 2020 and Environmental Planner FY 2020. The training plan was reviewed on annually basis.	Complied
4.5.1.6	The management shall organize regular meetings with workers where concerns of workers about the environmental quality are discussed Major compliance -	Environmental Performance Monitoring Committee (EPMC) meeting conducted on 26/6/2019. The meeting attended by management and workers representative to discuss about the environmental quality. For Environmental Regulatory and compliance Monitoring Committee (ERCMC) meeting was done on 8 August 2019.	Complied



Criterio	on / Indicator	Assessment Findings	Compliance
4.5.2.1	Consumption of non-renewable energy shall be optimized and closely monitored by establishing baseline values and trends shall be observed within appropriate timeframe. There should be a plan to assess the usage of non-renewable energy including fossil fuel, electricity in the operations over the base period • Major compliance -	 The mills visited monitored the consumption of the non-renewable energy on monthly basis. The monitoring was done base on the type of the energy usage. The mills has established plan to assess the usage of non renewable energy and documented in the Energy optimization Plan. The plan stated the issue, action plan, person responsible, timeline and status of the implementation. Sighted the sample monitoring records for diesel usage and turbine FY 2019 as follows: Maran POM Diesel usage: 223,438 liter Electricity usage: 351,372 kWh The usage of electricity was reduce from the previous year around 24%. Previous record was 462,390 kWh. Gula POM Diesel usage: 747,753.44 kWh The usage of electricity was reduce from the previous year around 12%. Previous record was 843,244.76 kWh. 	Complied



Criterio	on / Indicator	Assessment Findings	Compliance
4.5.2.2	The oil palm premises shall estimate the direct usage of non- renewable energy for their operations, including fossil fuel, and electricity to determine energy efficiency of their operations. This shall include fuel use by contractors, including all transport and machinery operations.	The estimate for the direct usage of non-renewable energy for their operations, including fossil fuel, and electricity to determine energy efficiency of their operations inclusive of fuel use by contractors, including all transport and machinery operations was available in the respective estate yearly budgets.	Complied
	- Major compliance -		
4.5.2.3	The use of renewable energy should be applied where possible.	From the monitoring and interview with the management, the mill consume the shell and fiber as boiler fuel.	Complied
	- Minor compliance -		
Criterio	n 4.5.3: Waste management and disposal		
4.5.3.1	All waste products and sources of pollution shall be identified and documented.	Maran Mill	Complied
	- Major compliance -	The mill has identified all waste and source of pollution and documented in the List of Waste Identified. The list was reviewed on annually basis. The latest review was done on 12/5/2019. The waste identified as follows:	
		i. Industrial waste – Scrap Iron	
		ii. Scheduled Waste – SW110, SW 305, SW409, SW410	
		iii. Domestic Waste – Wet waste, kitchen waste, garden waste,	
		sanitary waste, dry waste	
		iv. Solid waste – EFB, Shell, Boiler Ash, Decanter Solid	



Criterio	on / Indicator	Assessment Findings	Compliance
4.5.3.2	 A waste management plan shall be developed and implemented, to avoid or reduce pollution. The waste management plan should include measure for: a) Identifying and monitoring sources of waste and pollution. b) Improving the efficiency and recycling potential of mill by-products by converting them into value-added products. - Major compliance - 	The mill has established and documented Waste management Plan for Estate and Mill. Management plan was done base on the type of waste identified in the List of Waste Identified. The plan was reviewed on annually basis. Latest review was conducted on 16/5/2019. The plan stated the Issue identified, management action, period of monitoring and person responsible.	Complied
4.5.3.3	The palm oil mill management shall establish Standard Operating Procedure for handling of used chemicals that are classified under Environmental Quality Regulations (Scheduled Waste) 2005, Environmental Quality Act, 1974 to ensure proper and safe handling, storage and disposal. Scheduled waste shall be disposed as per Environmental Quality Act 1974 (Scheduled Waste) Regulations, 2005 - Major compliance -	 NSOP Berhad has established Standard Operating Procedure for handling of used chemicals and documented in MSPO Procedure Title: Waste Management; Ref. no. MSPO-05; Rev. 00; Date: 1/7/2018 under title Scheduled Waste Disposal Flow. The Inventory of scheduled waste file reference no: A31/152/000/014 for May 2020. From the inventory was available for SW 305, 322 and 410. The disposal was done by SL Recycling (M) Sdn Bhd (Kanthan). Sampling the consignment note for SW 305 No: 2019123115U3BZKC dated 31/12/2019. The license of SL recycling (M) Sdn Bhd (license no: 004194) available for review. The competent person available in Gula estate POM (no Siri: CePSWaM/185300). However sighted issue as per below:- In Maran Estate POM, Found SW 322 was not been notify to DOE and not recorded in inventory accordingly. 	Non- conformity

Criterio	on / Indicator	Assessment Findings	Compliance
		2. In Gula Estate POM, empty chemical container and used spill kit was sighted at boiler ash dumping area. During interview with workers, they stated spill kit that been used will be dispose as normal waste not as scheduled waste.	
		Thus Minor NC been issued.	
4.5.3.4	Domestic waste should be disposed as such to minimize the risk of contamination of the environment and watercourse. - Minor compliance -	The domestic waste were collected by the estate twice a week and dump at designated area before collected by the municipal collectors. Sighted the records of rubbish collection in Estate Vehicle Work Distribution.	Complied
Criterio	n 4.5.4: Reduction of pollution and emission		
4.5.4.1	An assessment of all polluting activities shall be conducted, including greenhouse gas emissions, particulate and soot emissions, scheduled wastes, solid wastes and effluent.	The assessment of all polluting activities has been conducted and documented in the GHG Management Plan and waste management Plan. The assessment was reviewed on annually basis. Latest review was conducted on Jan 2020 (Gula POM) and Jan 2020	Complied
	- Major compliance -	(Maran POM). This plan can referred under document MSPO-P5-3.	
4.5.4.2	An action plan to reduce identified significant pollutants and emissions shall be established and implemented.	Mills visited has established management plan to reduce the significant pollutants and documented in the Greenhouse Gases Management Plan. In the GHG Management Plan stated the Source	Complied
	- Major compliance -	of GHG, Impacts, Mitigation Measures, Action Taken, Status, Timeline and PIC. The action plans can be review under document MSPO-P5-3	
4.5.4.3	Palm oil mill effluent (POME) shall be treated to ensure compliance with standards as stipulated in the relevant Environmental Quality (Prescribed Premises) (Crude Palm Oil) Regulations 1977. POME discharge limits and method should be in accordance with the	The POME was treated according to regulation, the evidence was verified as per quarterly return form for Online Environmental Report (OER) file reference number: A31/152/000/014. The result	Complied



Criterio	n / Indicator	Assessment Findings	Compliance
	respective state and national policies and regulations. - Major compliance -	show the BOD (Biological Oxidation Demand) was low than 100mg/L (48mg/L).	
Criterion	4.5.5: Natural water resources		
4.5.5.1	 The management shall establish water management plans to maintain the quality and availability of natural water resources (surface and ground water). The water management plan may include: a) Assessment of water usage and sources. b) Monitoring of outgoing water which may have negative impacts into the natural waterways at a frequency that reflects the mill's current activities. c) Ways to optimize water and nutrient usage and reduce wastage (<i>e.g.</i> having in place systems for re-use, night application, maintenance of equipment to reduce leakage, collection of rainwater, etc.). Major compliance - 	 NSOP Berhad has established SOP for riparian buffer zone and documented in Establishment and Management of Riparian Zone. Refer document no Gap-1 dated 1/1/2019. The estate also follows guidelines from MPOB for "Mengenalpasti kawasan rezab sungai dalam ladang' Refer letter no (3)04/C/PD/87/2 dated 28/9/2009. The water management plan:- a) The water source was from Sg Chedong and Sg Maran, This water was use as in process and use as consumption. b) Sighted River water analysis BVAQ Reference: 20-65960a dated sampling on 4 March 2020 to monitoring and prevent pollution of surface and groundwater for Sg Chedong and Sg Maran. The management keep up the maintenance and try to reduce water leakage in mill and reuse water for mill cleaning. 	Complied
4.5.5.2	Where open discharge of POME into water course is practiced, mills should undertake to gradually phase it out in accordance to the applicable state or national regulations.	Effluent generated were disposed as prescribed under "Jadual Pematuhan".	Complied



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Criterion / Indicator		Assessment Findings	Compliance
	- Major compliance -	Regular monitoring was done on monthly basis and every quarterly via Online Environmental Report (OER) to DOE for compliance. Latest record was on June 2020	
4.6 Prin	ciple 6: Best Practices		
Criterio	n 4.6.1: Mill Management		
4.6.1.1	Standard operating procedures shall be appropriately documented and consistently implemented and monitored.	NSOP Berhad (Sin Thye Management Sdn. Bhd) has established the Standard Operations Procedure for Palm Oil Mill, version 3 released 2019.	Complied
		The monitoring was done by the Chief Operating Officer during his visit on quarterly basis and record show the visit last on 18-19 May 2020.	
4.6.1.2	All palm oil mills shall implement best practices. - Major compliance -	As per site verification and as per Chief Operating Officer report showed that the mills operation were conducted base on the SOP established.	Complied
Criterio	n 4.6.2: Economic and financial viability plan		
4.6.2.1	A documented business or management plan shall be established to demonstrate attention to economic and financial viability through long-term management planning. - Major compliance -	The mills visited have established 10 years business plan as guidance for the mill to conduct the daily operation and expenditure. The business plan was documented in 10 years production, expenditure and profit/loss projection 2019 – 2028.No changes during this audit. Items stated in the business plan as follows:	Complied
		i. Hectare statement	

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Criterion / Indicator		Assessment Findings	Compliance
		ii. FFB yield/ha and Total Production by age	
		iii. FFB Production and FFB purchase (FFB, CPO, PK, OER, KER)	
		iv. Production cost	
		v. Cost/ha and Cost/tons	
		vi. Dispatch (CPO and PK)	
		The capital expenditure was documented in Financial Year	
		Proposed Capital Expenditure (CAPEX).	
Criterio	n 4.6.3: Transparent and fair price dealing		
4.6.3.1	Pricing mechanisms for the products and other services shall be documented and effectively implemented.	Pricing mechanism is guided by NSOP Policies Manual, Feb 2006, Chapter 6.0 Procurement, Ver. 1.0.	Complied
	- Major compliance -	Sampled PO #39862 at Ladang Gula POM, dated 6/11/2019 after approval of tender on 5/6/2019 for repairing CPO storage tank.	
4.6.3.2	All contracts shall be fair, legal and transparent and agreed payments shall be made in timely manner.	All the appointed contractors have signed their respective contract agreements with NSOP. Based on sampled vouchers, the payments were made in timely manner.	Complied
Criterio	- Major compliance - n 4.6.4: Contractor		
4.6.4.1	In case of the engagement of contractors, they shall be made to understand the MSPO requirements and shall provide the required documentation and information.	The contractors were made to understand the MSPO requirements through stakeholders meeting. Records of meetings were maintained for verification.	Complied
	- Major compliance -		



Criterion / Indicator		Assessment Findings	Compliance
4.6.4.2	The management shall provide evidence of agreed contracts with the contractor Major compliance -	Copies of the signed contract agreement were available for verification.	Complied
4.6.4.3	The management shall accept MSPO approved auditors to verify the assessments through a physical inspection, if required. - Minor compliance -	There is no objection by the management to accept MSPO approved auditors to verify the assessments through a physical inspection, if required.	Complied

Appendix B: List of Stakeholders Contacted

Government Officer:	Community/neighbouring village:		
Balai Polis Nenasi	Merchong Estate (IOI)		
	SJK(C) Maran		
	Ikatan Rimbun Sawit Sdn Bhd		
	SK Maran		
	Kg Orang Asli Batu 55		
	Kg Berkat		
	Branch Secretary NUPW		
	SJK(T) Ladang Gula		
Suppliers/Contractors/Vendors:	Worker's Representative/Gender Committee:		
Tian Yeek Guan (contractor)	Estates workers		
Hasbollah B Johari (contractor)	Mills workers		
AMP (contractor)			
Shanmugam (contractor)			
Tan Yee Boon (contractor)			
JCE (contractor)			

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Appendix C: Smallholder Member Details

Not applicable.

No.	Smallholder		Location of	GPS	Certified	Planted
	Name	MPOB License Number	Planted Area (District)	Coordinates	Area (ha)	Area (ha)
1	NA					
2						
3						
4						
5						





Appendix D: Location and Field Map

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Maran Estate



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Ibam Estate

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Appendix E: List of Abbreviations

BOD	Biochemical Oxygen Demand
CB	Certification Bodies
CHRA	Chemical Health Risk Assessment
COD	Chemical Oxygen Demand
CPO	Crude Palm Oil
EFB	Empty Fruit Bunch
EHS	Environmental, Health and Safety
EIA	Environmental Impact Assessment
EMS	Environmental Management System
FFB	Fresh Fruit Bunch
FPIC	Free, Prior, Informed and Consent
GAP	Good Agricultural Practice
GHG	Greenhouse Gas
GMP	Good Manufacturing Practice
GPS	Global Positioning System
HCV	High Conservation Value
IPM	Integrated Pest Management
ISCC	International Sustainable Carbon Certification
LD50	Lethal Dose for 50 sample
MSPO	Malaysian Sustainable Palm Oil
MSDS	Material Safety Data Sheet
MT	Metric Tonnes
OER	Oil Extraction Rate
OSH	Occupational Safety and Health
PK	Palm Kernel
РКО	Palm Kernel Oil
POM	Palm Oil Mill
POME	Palm Oil Mill Effluent
PPE	Personal Protective Equipment
RTE	Rare, Threatened or Endangered species
SEIA	Social & Environmental Impact Assessment
SIA	Social Impact Assessment
SOP	Standard Operating Procedure