

ANALISIS KESELAMATAN KERJA / JOB SAFETY ANALYSIS

Pekerjaan / Task	PM 2000 Hours		Nomor JSA / JSA Number	Halaman Page	1	dari of	2
Tgl Pembuatan JSA Date of JSA	01/07/26		Departemen / Department	PT. TU SURABAYA			
Disusun oleh / Compiled By	ARSAN	TTD / Sign	Review oleh / Reviewed by	TTD / Sign	Atasan / Superior	TTD / Sign	
Apakah and terlatih untuk melakukan pekerjaan ini? / Are you properly trained to complete this task <input checked="" type="checkbox"/> Ya <input type="checkbox"/> Tidak/ No Apa yang anda perlukan untuk memastikan bahwa pekerjaan selesai tanpa adanya kecelakaan kerja? / What do you need to ensure this job is completed Siapa yang bertanggung jawab untuk menghentikan pekerjaan jika terjadi perubahan pekerjaan atau gangguan kondisi lingkungan kerja? / Who is responsible for Stop Work authority if change job or workplace distraction Apakah anda memerlukan peralatan LOTO? / Are you need LOTO equipments? <input checked="" type="checkbox"/> Ya <input type="checkbox"/> Tidak/ No							
Kondisi Lingkungan/ Environmental Condition	BAIK	Cuaca/ Weather	CEKAM	Medan/ Terrain	DATAR		
Pengendalian Sumber Bahaya/ Hazardous Energy Control	<input checked="" type="checkbox"/> Listrik/ Electric <input checked="" type="checkbox"/> Hidrolik/ Hydraulic	<input checked="" type="checkbox"/> Gravitasi (benda) <input checked="" type="checkbox"/> Mekanis/ Mechanical	<input type="checkbox"/> Pneumatik/ Pneumatic <input checked="" type="checkbox"/> Panas/ Thermal				
APD yang diperlukan/ Required PPE	<input checked="" type="checkbox"/> Helm/ Safety Helmet <input checked="" type="checkbox"/> Sepatu/ Safety Shoes <input checked="" type="checkbox"/> Kacamata/ Safety Glasses	<input checked="" type="checkbox"/> Sarung Tangan/ Hand Gloves <input checked="" type="checkbox"/> Pelindung Telinga/ Hearing Protection <input type="checkbox"/> Pelindung Pernafasan/ Respiratory Protection	<input type="checkbox"/> Pelindung Muka/ Face Shield <input type="checkbox"/> Pelindung Jatuh/ Fall Protection <input type="checkbox"/> Lain-Lain/ Others				
Hal yang perlu dipertimbangkan dalam mengidentifikasi bahaya/ These to consider in identify hazards 1. Bahaya Kimia : Tertelan, terkena kulit, terhirup, terserap Chemical Hazard : Ingestion, skin contact, Inhalation, absorption 2. Bahaya Biologi : Patogen yang ditularkan melalui darah, lalet, tanaman, serangga, hewan 3. Bahaya Fisik : Listrik, Api, Ledakan, Radiasi, Panas, Stres, terjepit, terbelung, Terjatuh, Tertimpa, Gecatan Physical Hazard : Electric, Fire, Explosion, Noise, Radiation, Thermal, Stress, Pinch, Slip, Falls, Struck 4. Bahaya Ergonomi : Gerakan berulang, Beban berlebih, Postur Janggal, Durasi Kerja, Desain area kerja							
NO	Urutan Dasar Langkah Tugas / Job Step (Maksimum 15 Langkah / Maximum 15 Steps)	Bahaya Yang Terkait / Potential Hazard	Tindakan Pengendalian/ Recommended Action				
1	Preparaton	- Terhempa - Tersandung	- Perhatikan kondisi jalan saat membawa tool				
2	Walk around Inspection	- tergorer - terpleset	- Memakai pelindung kaki, tangan dan ware pack				
3	PM 10 Hours / Daily	- Naik unit (Terjatuh / Terpleset) - Tertabrak	- menggunakan Three Point Contact - Memasang Safety Line				

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Pekerjaan / Task	0	Nomor JBA / JSA Number	0	Halaman Page	2	dari of	4
NO	Urutan Dasar Langkah Tugas / Job Step (Maksimum 15 Langkah / Maximum 15 Steps)	Bahaya Yang Terkait / Potential Hazard	Tindakan Pengendalian / Recommended Action				
4	Running Unit	- orang disektor (tertabrak)	- member isyarat bel / Horn sebelum mengoperasikan Unit				
5	Parking Unit	- orang / family (tertabrak)	- Beri isyarat Bel - men per hitung kan dimensi unit - memaksimalkan pandangan (sponsored)				
6	PM 2000 Hour	- Terpapar Panas (oli / coolant)	- mengerjakan bagian lain yang tidak terpapar panas				
7	House Keeping	- Terkmpa - Tersandung - Terpletet	- Fokus - Management Berat				

Bukti Pelaksanaan / Localization evidence

No	Nam a/ Name	TTD/ Sign
1		
2		
3		

No	Nam a/ Name	TTD/ Sign
4		
5		
6		

No	Nam a/ Name	TTD/ Sign
7		
8		
9		

CATERPILLAR

SERVICE REPORT

ROUTING

01-284301-11 (2/90)

DEALER CODE J221	STORE NO 07	WORK ORDER	SEQ	CUSTOMER NAME PT. TU SURABAYA
DATE 01/07/26		EMPLOYEE IDENTIFICATION ARSAM	EQUIPMENT LOCATION Painting Room PT. TU SURABAYA	
CATERPILLAR MODEL 320 GC		SERIAL NO. YDP 20025	<input type="checkbox"/> NON-CAT	INSTRUCTION PM 2000 Hours
HOURS Gr 0001	MILES -	KILOMETERS -		

PART NUMBER RESPONSIBLE	<input type="checkbox"/> NON-CAT	PART NAME	QTY	DESC. CODE	GROUP NUMBER CONTAINING PART	<input type="checkbox"/> NON-CAT	GROUP NAME	<input type="checkbox"/> IF MADE PRODUCT INOPERABLE	<input type="checkbox"/> IF DURABILITY ISSUE	DESCRIPTIVE COMMENTS
-	<input type="checkbox"/>	-	-	58	7527	<input checked="" type="checkbox"/>	-	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	PM 2000 Hours
	<input type="checkbox"/>					<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>					<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	

DESCRIPTION CODES * A - Structural B - Surface C - Leaks D - Factory Assembly E - System Malfunction F - Factory Shipping G - General Repair H - Adjustment K - Serviceability L - Abuse X - OPERATION COMPLAINT

RELATED SERIAL NUMBERS CATERPILLAR		OEM PRODUCT
MODEL	SERIAL NO.	MAKE / MODEL
2		VEHICLE CONFIGURATION
		DELIVERY DATE

COMPONENT ARRANGEMENT / TEST / SERIAL NUMBERS			
COMPONENT GROUP NUMBER	SERIAL NO	COMPONENT HOURS	MANUFACTURE CODE
	2		

WHAT WAS THE CUSTOMER COMPLAINT ?

Customer Request to PM 2000 Hours

ADDITIONAL COMMENT ON THE CAUSE OF FAILURE ?

None

WHAT WAS THE RESULTANT DAMAGED ?

None

HOW DID YOU REPAIR IT ?

- PM 10 Hours
- PM 100 Hours
- PM 500 Hours
- PM 1000 Hours
- PM 2000 Hours

CUSTOMER SIGNATURE

SERVICEMAN SIGNATURE

ARSAM

CHECKED BY

IF COPY OF THIS PAGE IS BEING SENT TO CATERPILLAR, COMPLETE FOLLOWING

DEALER

J221

STORE

07