



Customer Perspective Audit (CPA) / End Item Audit (EIA)

- Creation of CPA/EIA documentation for Mobile Cranes.
- Deputed TIRC MEs at site to capture the step-by-step process of Inspection Audit and Testing of the Cranes assembled at OKC.
- Audit document also included Customer Feedbacks.
- Editable PDF version of the CPA document is developed for using in Tab/PC by Quality TM's to eliminate the use of Paper.

SUMMARY												
TEREX CORPORATION												
Audit Round 1:												
Sr #	Section/Description	EIA				CPA						
		Good	Bad	Total	%	Good	Bad	Total	%	Date	Name	
1	Documentation & Manuals	0	2	2	0%							
2	Static Inspection - Loose Part(s)	3	6	9	33%							
3	Static Inspection - Fluid and Greasing Checks	2	7	9	22%							
4	Static Inspection - Lower Cab Area	6	22	28	21%							
5	Static Inspection - Upper Cab Area	12	6	18	67%							
6	Static Inspection - Walk Around (left side)	14	4	18	78%							
7	Static Inspection - Walk Around (Upper)	14	1	15	93%							
8	Static Inspection - Walk Around (Jib)	5	3	8	63%							
9	Static Inspection - Walk Around (Boom)	8	15	23	35%							
10	Static Inspection - Walk Around (Underneath Unit)	2	8	10	20%							
11	Boom Dolly (Optional)	2	2	4	50%							
12	Static Inspection - TMI (Green)	2	1	3	67%							
13	Dynamic (Hot Test) Operations & Functional	6	30	36	17%							




Developed a User Interface (UI) for effective management of CPA data

PROJECT GENERATION

Model: GENERATE AUDIT

Serial Number: OPEN FOLDER

EXIT

PROJECT SEARCH

Project Name: SEARCH

Serial Number: OPEN FOLDER

Date: EXPORT TO ACCESS

PROJECT LIST

No.	Checkbox	Serial No.	Project Name	Date

DELETE

10K EIA and CPA Check Sheet
Front Left Side

Legend: EIA (Grey), CPA (Red), Inspection (Blue), Option (Yellow), Decal (Green), Torque (Orange)

Mark: ✓ in the box for Good and ○ in the box for Bad

01. MAST WELD CHECK:
Thoroughly check extended mast for any weld issues.



START STD Select

02. Chain Tension:
Make sure there is no slack on the chain when boom extended all the way out.



STD Select

03. Lettering:
Check for the 231155 decal installed. Confirm that the Letters on second boom tube are installed correctly.



STD Select

04. Check for the 114379 decal installed.



STD Select

08. Hose Fittings:
Check under lid that there are no signs of hydraulic leaks on hose fittings and valves - 3 RED circles. Confirm corrosion inhibitor is applied to all fittings and mast (not painted).




STD Select

07. Lug Nuts:
Check torque setting, bolt marks and corrosion inhibitor of ALL lug nuts on BOTH TIRES - GEAR.



STD Select

06. Tire Orientation:
Check tire orientation - TREAD ARROW forward (BOTH TIRES). If air tire, check air pressure: 62 psi




STD Select

05. Angle Indicator:
Make sure it is not damaged.



STD Select

09. Check for Corrosion Inhibitor (GES 1425).




AWR STD Select

10. Weld Check (GES 1222):
Thoroughly check front for weld issues (missing, too-ins, undercut, porosity)



STD Select

11. Paint Check (GES 1140):
Thoroughly check for unpainted areas, rust, paint peel off and major scratches.



STD Select

12. Check for Bolts & Fittings (GES 1455).



STD Select

EIA Tester: Name: _____ Initials: _____ Date: _____

CPA Inspector: Name: _____ Initials: _____ Date: _____

NCF_Unit Location	NCF_Major Category	NCF_SUB Category	A/C	Description of Work Needed	Auditor	EIA_CPA	Date	Completed By	Date
Axle & Wheels	Serial Stamp	Missing	A	Serial stamp is not present. No tag marking for the inspection	mayur	CPA-1	06/18/2019		
Cylinder_SwayFront	Sensors and Switches	Wrong	A	test	mayur	EIA-3	06/11/2019		
Cylinder_SwayFront	Cables	Incorrect installation	A	test	mayur	EIA-6	06/11/2019		
Cylinder_SwayFront	Corrosion Inhibitor	Missing (<= 2% of total applications)	C	test	mayur	CPA-7	06/11/2019		
Cylinder_SwayFront	Documentation	External Missing / Wrong	A	test	mayur	EIA-8	06/11/2019		
Cylinder_SwayFront	Electrical	Settings Adjust Non Functional	C	test	mayur	EIA-9	06/11/2019		
Cylinder_SwayFront	Fasteners	Not Marked per Standard	C	test	mayur	EIA-10	06/11/2019		
Axle & Wheels	Paint	Surface Appearances SMD B & C	C	test	mayur	EIA-11	06/11/2019		
Cylinder_SwayFront	Welds	Blum Through / Cold Welds	A	test	mayur	EIA-12	06/11/2019		
Axle & Wheels	Corrosion Inhibitor	Missing (<= 2% of total applications)	C	test	mayur	CPA-2	06/11/2019		
Cylinder_back	Corrosion Inhibitor	Missing (<= 2% of total applications)	C	test	mayur	EIA-1	06/11/2019		

EIA Audit By: _____ CPA Audit By: _____

General Function Test By: _____ Leak Tested By (if applicable): _____ Post Release/ Recoding CPA Audit By: _____

PRINT

SUMMARY

Audit Round 1:

Sr #	Section/Description	EIA				CPA			
		Good	Bad	Total	% Good	Good	Bad	Total	% Good
11	Static Inspection - Fork	0	0	0	0%	0	0	0	0%
12	Static Inspection - Front Left Side	0	0	0	0%	0	0	0	0%
13	Static Inspection - Bottom	0	0	0	0%	0	0	0	0%
TOTAL		0	8	8	0%	0	3	3	0%

EIA		Good	Bad	NA	Unchecked	CPA		Good	Bad	NA	Unchecked
Number of Checkpoints		0	8	0	183	Number of Checkpoints		0	3	0	188

EIA Tester: _____ have reviewed on this date _____ all of the Final Inspection checks per this document, and ensured all checks have been done completely and properly.

CPA Inspector: _____ have reviewed on this date _____ all of the Final Inspection checks per this document, and ensured all checks have been done completely and properly.

SUBMIT SUBMIT BACK

JavaScript Window

Enter issue details and AWR details

Major Category:

Sub Category:

Location on Unit:

AWR Details

OK Cancel

Warning: JavaScript Window