

Inspection Check List for: Earth Moving Machinery

Risk assessment	
Frequency of the In-service inspection done by the user/owner	Owner
operation manual & Maintenance Record available upon request write either(• both available , • operation manual only)	Operation manual
Labels and decals for operation on the lift write either(• available • owner provided)	Available
Previous 3rd party certificate if any write either(•New equipment (first inspection) • present and valid • present and invalid • Not available)	Ok
Operator training proof write either (• training certificate available• brief training provided by inspector• Experiences proof)	Ok
Appropriate PPE for the operator write either(• helmet • shoes , • harness, • safety reflection jacket)	Ok
Is the environmental contain any hazardous conditions such as, extreme humidity, dust,sand, salt air,etc. write either (• air conditioning• periodic break• water present• supervision • safety goggles)	Good Condition
Is the location is next foot walks or traffic workstation or public areas write either (• present , • site condition not required)	Present
Isolate all area, and put sign board for inspection progress write either (• present • site condition not required)	Present
Manufacture documents matching the lift installed write either (• yes matching • verification with the manufacture after inspection)	Yes matching
Ensure the foundation/test area floor is adequate and leveled write either (• leveled , leveled with ease of facility/equipment)	Leveled
Housekeeping , where applicable write either (• clear • clear after rectification)	Clear
Wind speed within the limits (12.5 m/s) write either (• within the limit , • waiting to be reduced)	Within limit
Hazards from electrical lines write either (• obstruction provided • safe distance)	Safe
Approval from structure engineer/authority for the foundation write either(• approval available • inspector verification on the foundation (torque test for bolts & visual inspection))	Inspector
Adequate lighting	Provided
Preform tools box meeting	Conducted
Falling form height hazard write either (• safety harness worn • barrication provided)	Barricaded
Is there any Mechanical hazards, Generated by machine parts or work pieces such : shape, inadequacy of mechanical strength, Crushing, impact, contact of person with machine.	No
EMM-Description	
Type of Machinery	Backhoe Loader
Manufacture	CATERPILLAR
Model	422F
Owner number	BHL-0005
Serial number	Chassis number: CAT0422FCLR01581
Traffic Registration number	2-90115 Abu Dhabi
Safe working load	Bucket Capacity: 1m3
Additional information	Year:2014 Engine no:CRS76402 Color: yellow
References standard	BS EN 474-1 , ISO 20474-1
Sub-contractor	Nil
NDT (if done)	Nil
Previous inspection date	6-10-2019 (Team Safety)
Inspection equipment's	MT-34, DC-33
Environment conditions	Good Condition
EMM-checklist summery	
Wear or damage	Safe
Hydraulics	Safe
wheels	Safe
Attachments	Safe
Fluids	Safe
Cabin	Safe
Controls	Safe
Warning devices	Safe
Brakes	Safe
EMM- Inspection	
Wear or damage :Structure, guards, chains hooks...etc.	Safe
Hydraulics: rams , hoses , leaks ,wear	Safe
wheels: tires ,nuts , pressure , wear , tension	Safe
Attachments :bucket , cutting edge , pins , teeth , pivots	Safe

Fluids: oil ,hydraulic ,coolant ,fuel ,battery, wipe water	Safe
Cabin : seat , seat belt , loose objects , visibility, fire extinguisher, window, washer ,wiper , mirrors	Safe
Controls: lights ,gauges , indicators	Safe
Warning devices: horn , reversing beeper , alarms , lights	Safe
Load capacity plate	Safe
Brakes	Safe
Warning signs , operator manual , locks	Safe
Functional test	Safe
Defects	
defect description	Nil

Inspector Name:

Inspector Signature:

Date: