RAYAT AL-SHARQ راية الشرق
For Trading, General Contracting, General Transportation & Inspection Services LTD Company

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THOROUGH EXAMINATION REPORT

This report complies with Provision and Use of Work Equipment Regulations

Date of Through Examination: 11/10/2026	Date of Report: 11/10/2026	Report Number: RAS-MU-26105506

Description and identification of the equipment:

Rotary Piling Rig, Diesel Powered, Hydraulic Operated

Manufacturer: DREAM ENGINEEPING
Year of Manufacture: 2008
Model: DP 600 BM
Serial Number: DP 10 06
Chassis Number: DP 10 06
Plate Number: N/A

Name and address of employer for whom the thorough examination was made:
JUNE CO.
Address of premises at which the examination was made:
OM-QASER

Is this the first examination after installation or assembly at a new site or location?					**Was the examination carried out:**				
	YES		**NO**	✓	Within an interval of 6 months?	**YES**		**NO**	✓
					Within an interval of 12 months?	**YES**	✓	**NO**	
If the answer to the above question is YES, has the equipment been installed correctly?	**YES**		**NO**		In accordance with an examination scheme?	**YES**		**NO**	✓
					After the occurrence of exceptional circumstances?	**YES**		**NO**	✓

Particulars of any test carried out as part of examination:
The Referenced Equipment Has Been Function Tested As per **EN 16228-4 – Foundation Equipment**

Name & Qualifications of person making this report:	Name of person authenticating this report:	Latest date by which next thorough examination must be carried out:
Ahmed Yahya	Signature: **Mustafa Salman**	**10/10/2027**

Name and address of employer of person making and authenticating this report:
Hussein Ali Hussein, Basra, Burjesia

شركة راية الشرق للتجارة والمقاولات العامة والنقل العام والفحص الهندسي المحدودة
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No.	Component / Location	Defect / Observation	Required Corrective Action	Classification
1	Access Door / Equipment Compartment	The access door and its locking arrangement have been extensively modified. The installed arrangement does not provide a reliable positive locking/retaining system. The door may open unintentionally while the machine is travelling or operating, creating a struck-by and site safety hazard.	Restore an approved positive locking arrangement. The door shall remain securely retained during travel and operation. Modified arrangement to be verified against manufacturer requirements or approved engineering design.	**Major**
2	Travel & Slewing Warning Alarm System	The warning alarm has been modified from an automatic operating/movement warning system to a manually activated push-button arrangement. The same manually operated alarm is being used for travel/movement and rotation/slewing warning. Therefore, warning activation depends entirely on operator action.	Restore automatic warning activation associated with the applicable machine movement functions. Function-test the system after repair/modification.	**Major Safety Defect**
3	Operator Cabin – Monitoring / Instrumentation	The original machine monitoring/display arrangement is not available/functional. Operational parameters are being monitored through an externally connected laptop and modified wiring/interface. No suitable permanently installed indication/display arrangement was observed for the modified monitoring system.	Restore the OEM monitoring/indication system or provide an engineered permanently installed equivalent. Verify all essential operating parameters, warnings and alarms before returning the machine to service.	**Major**
4	Engine Support / Structural Support Arm	The structural member/support associated with the engine assembly has been modified and welded. The modification appears non-original and its structural adequacy cannot be confirmed by visual inspection alone.	Verify modification against approved engineering drawings/calculations. Carry out VT and the specified MPI examination of the welded areas. Any unacceptable indications shall be repaired using an approved welding procedure and re-examined.	**Structural – Major**
5	Counterweight Assembly	The counterweight arrangement has been modified and appears to be welded/fixed to the machine structure using additional plates. If the original design requires controlled movement/positioning of the counterweight for stability, fixing it in one position may alter the machine's designed centre of gravity, stability and operating envelope.	Obtain OEM counterweight configuration and stability requirements. Remove or rectify unauthorized modifications as required. Stability shall be verified by a competent engineer/manufacturer before operation.	**Critical – Stability Related**
6	Hydraulic Cylinder Mounting / Pin Connection Areas	The cylinder mounting/support arrangement shows evidence of structural modification. Changes to cylinder attachment geometry may alter load transfer into the boom/supporting structure.	Verify dimensions and configuration against OEM drawings. Inspect pins, bushes, mounting plates and welds. Perform appropriate NDT on modified load-bearing welded areas and obtain engineering approval.	**Structural – Major**

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No.	Component / Location	Defect / Observation	Required Corrective Action	Classification
7	Boom – Right-Hand Corner / Structural Weld Area	Evidence of welding/repair is present at the right-hand corner of the boom/main structural member. The weld condition and the reason for the repair/modification could not be verified from visual examination alone.	Clean the area to bare metal, conduct detailed VT followed by appropriate surface NDT (MPI where material and geometry are suitable). Verify repair against an approved welding procedure and engineering acceptance criteria.	**Structural – Major**
8	Modified Structural Welds – General	Multiple areas of the machine show evidence of non-original welding, added plates and/or structural modifications. No supporting engineering documentation for these modifications was available during the inspection.	Submit OEM drawings, modification drawings, calculations, WPS/PQR and repair history where applicable. All load-bearing modified welds shall be identified, inspected and accepted before certification.	**Major**
9	Machine Safety Configuration	Several safety-related and operational systems appear to differ from the original machine configuration, including alarm control, instrumentation and structural arrangements.	Carry out a complete modification assessment comparing the machine against OEM configuration and applicable engineering requirements.	**Major**
10	Documentation / Modification Approval	Engineering approval and traceable documentation demonstrating that the observed modifications have been assessed for structural integrity, stability and safe operation were not available for review.	Provide manufacturer approval or competent engineering assessment for all safety-critical modifications before final acceptance/certification.	**Major**

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CERTIFICATE OF THOROUGH EXAMINATION

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