



شرکت مهندسی صنعتی
فهامه

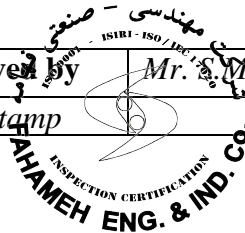
Inspection Daily Report

Project Name	ABS & RUBBER PLANT PROJECT
Client	Pad Jam Development Co (PJPC)
Contractor	Petro Electric
Notification/Reference Number & Date	HSE-03-390 08 Mar 2025
Inspection Report Number & Rev.	IR-FAH-PJPC-HSE-03-390/01-00
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Brief Scope of Inspection and Tests

<input type="checkbox"/> Raw Materials Inspection	<input type="checkbox"/> WPS, PQR & WQT
<input checked="" type="checkbox"/> Review of Material Certificates	<input type="checkbox"/> Joint Fit-up Control
<input type="checkbox"/> Review of Personnel Qualification Certificates	NDT: <input type="checkbox"/> VT <input type="checkbox"/> MT <input checked="" type="checkbox"/> PT <input type="checkbox"/> RT <input type="checkbox"/> UT
<input type="checkbox"/> Quantity Check	<input type="checkbox"/> Heat Treatment
<input checked="" type="checkbox"/> Visual & Dimensional Check	<input checked="" type="checkbox"/> Hardness
<input type="checkbox"/> Chemical Analysis Test (PMI)	<input type="checkbox"/> PWHT
<input type="checkbox"/> Sampling & Laboratory Analysis	<input checked="" type="checkbox"/> Surface Preparation
<input type="checkbox"/> Marking & Packing Check	<input checked="" type="checkbox"/> Coating Inspection
<input type="checkbox"/> Pneumatic Test	<input type="checkbox"/> Holiday Test
<input type="checkbox"/> Mechanical Ruining Test	<input type="checkbox"/> Thickness Test
<input type="checkbox"/> NPSH Test	<input type="checkbox"/> Adhesion Test
<input type="checkbox"/> Performance Test	<input type="checkbox"/> Color Code Check
<input type="checkbox"/> Hydrostatic	<input type="checkbox"/> Surface Finish Check
<input type="checkbox"/> Leakage Test	<input type="checkbox"/> Electrical Function Test
<input type="checkbox"/> FAT	<input type="checkbox"/> Dielectric Test
<input type="checkbox"/> SAT	<input type="checkbox"/> Instrument Functional Test
Others.....	

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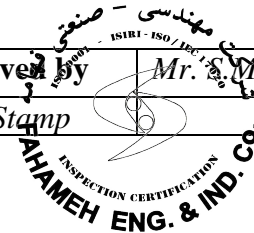
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Visit Report (In Details) 1-Inspection Description

(Conclusions, Remarks, Open Questions of Last Reports and Required Actions)

Inspection Activity	Descriptions for inspection activities	Result
Visual & Dimensional & Marking Check EI02-HSE-VD-QC-ITP-001-R3 Step 6	<ul style="list-style-type: none">Visual, dimensional and marking inspection of the bolts and nuts with the specifications of the attached list related to the structure of the air cooler equipment was carried out and the results were satisfactory.It should be noted that the brand of the bolts and nuts was Mashhad Part Sazy, which was accepted according to MOP AVL.	Accepted
Coating Check EI02-HSE-VD-QC-ITP-001-R3 Step 6	<ul style="list-style-type: none">Visual inspection and thickness measurement of the dichromat coating applied to the aforementioned bolts and nuts were carried out in accordance with the ASTM F 1136 standard, and the average thickness was observed to be about 16 microns, which was satisfactory.	Accepted
Hardness Test EI02-HSE-VD-QC-ITP-001-R3 Step 10	<ul style="list-style-type: none">An inspection of the Brinell hardness test after heat treatment (PWHT) was carried out on 4 header boxes in accordance with the PWHT procedure number EI027-DMF-VD-QC-PRO-025, and the average hardness was observed to be about 170HB, which was satisfactory.Hardness and PWHT report shall be provided.	Conditional
NDT (PT) Inspection EI02-HSE-VD-QC-ITP-001-R3 Step 10	<ul style="list-style-type: none">An inspection of the Penetrant Testing (PT) on the weld lines of the aforementioned header boxes was carried out in accordance with NDT procedure number EI027-DMF-VD-QC-PRO-025-Rev.02, and the results were satisfactory.	Conditional
Surface Blasting & Painting check EI02-HSE-VD-QC-ITP-001-R3 Step 13	<ul style="list-style-type: none">Visual inspection and roughness measurement of the sandblasting applied to the surfaces of the aforementioned header boxes were carried out in accordance with the paint procedure number EI027-DMF-VD-QC-PRO-024-Rev.02, and the surface whiteness was observed to be about (SA1½) and the surface roughness was also	Conditional

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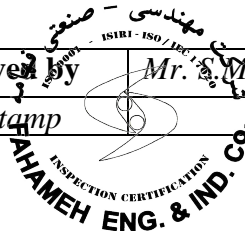
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	<p><i>observed to be 50 microns, which results were satisfactory.</i></p> <ul style="list-style-type: none"><i>Visual inspection and thickness measurement of the ethyl silicate primer layer applied to the surfaces of the aforementioned header boxes were carried out in accordance with the mentioned paint procedure, and the average thickness observed was about 70 microns, which results were satisfactory.</i><i>An inspection of the MEK test was conducted on the aforementioned primer paint to check the curing, and the results were satisfactory.</i><i>Brand of Color was Negin Zereh and accepted according to MOP AVL. (MTC was attached)</i><i>Painting report shall be provided.</i>		
Review Document	<ul style="list-style-type: none"><i>It was decided that all quality control reports related to the boxes with R1, R2, F1, F2 tag numbers up to this stage should be submitted to the relevant inspector at the next inspection session.</i><i>Review of all certificates (MTC), test reports, and laboratory results of raw materials related to the screws and seals in the attached list was conducted, and no discrepancies were observed.</i><i>Hardness and PWHT report shall be provided.</i><i>PT report shall be provided</i><i>Painting report shall be provided.</i><i>Report of UT and RT shall be provided.</i><i>DWG shall be approved by client</i>	Conditional	
2-Areas of Concern			
<ul style="list-style-type: none"><i>Hardness and PWHT report shall be provided.</i><i>PT report shall be provided</i><i>Painting report shall be provided.</i><i>Report of UT and RT shall be provided.</i><i>DWG shall be approved by client</i>			
3-NCR(s)			

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Inspection Document:

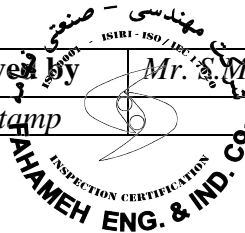
- | | |
|--|---|
| <input checked="" type="checkbox"/> Reference Drawings | <input checked="" type="checkbox"/> Materials Certificate |
| <input type="checkbox"/> Reference Standard | <input checked="" type="checkbox"/> Test Certificate |
| <input type="checkbox"/> Packing List | <input checked="" type="checkbox"/> Test Report |
| <input type="checkbox"/> Test Procedures | <input checked="" type="checkbox"/> Certificate of Origin |
| <input checked="" type="checkbox"/> ITP | <input type="checkbox"/> Technical Data Sheet |
| <input type="checkbox"/> Purchase order | <input type="checkbox"/> Others: |

Conclusion

Quantity & Packing Check	<i>Number of Items:</i>
	<i>Number of Items in a Package:</i>
	<i>Number of Packages in a pallet:</i>
	<i>Packing Type:</i>
	<i>Total Net weight:</i>
Status of Items (acc. to P.O.)	<input checked="" type="checkbox"/> Complete
	<input type="checkbox"/> Not complete (During Manufacturing)
	<input type="checkbox"/> Released for packing
	<input type="checkbox"/> Ready for shipment
	<input type="checkbox"/>
Means of Transport	<input type="checkbox"/> Truck <input type="checkbox"/> Train
	<input type="checkbox"/> Vessel <input type="checkbox"/> Ship
	<input type="checkbox"/> Air Plain
Attachments	<input checked="" type="checkbox"/> M.O.M
	<input checked="" type="checkbox"/> Certificates
	<input type="checkbox"/> NCR
	<input type="checkbox"/> Packing List
	<input checked="" type="checkbox"/> Drawings
Result of Inspection	<input checked="" type="checkbox"/> Accepted
	<input type="checkbox"/> Accepted with Minor Comments
	<input checked="" type="checkbox"/> Conditional
	<input type="checkbox"/> NCR Issued
	<input type="checkbox"/> Rejected

Photo Report

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Visual & Dimensional control



Visual & Dimensional control



Visual & Dimensional control



Visual & Dimensional control

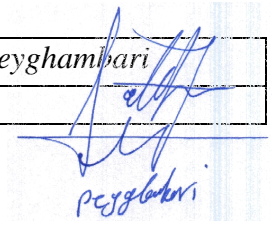
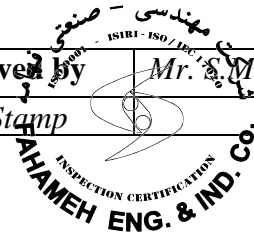


Dacromet coating thickness control



Dacromet coating thickness control

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Hardness Test



Hardness Test



PT



PT

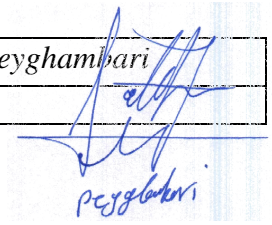
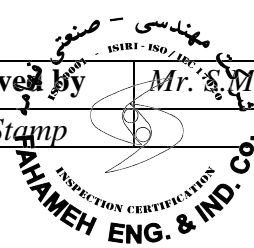


Sandblasting surface roughness control



Visual control of sandblasting surface

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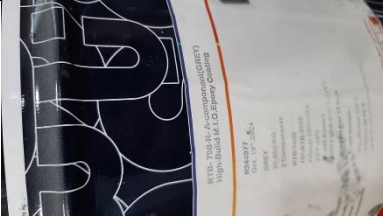
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Visual control of sandblasting surface



Sandblasting surface roughness control



Color material control



Color material control



Color thickness control



Color thickness control



Color thickness control



Color thickness control



MEK Test



MEK Test

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