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Inspection Date:	05.01.2024	Order status:	<input type="checkbox"/> complete <input checked="" type="checkbox"/> partial
File No:	DPIC-MO-RP- 02/2826	Insp. Note. No.	IN-299-1002-0004

Client/project:	Dehdasht Petrochemical Industry Company / Dehdasht High Density Polyethylene Project	P/O, M/R No.:	DPIC-PO-NEC-299-1002
Vender/sub vendor:	Kasravand Co./ J. HELMKE & Co.	Inspection Location:	Ludwig-Erhard-Ring 7-9-31157 Sarstedt-Deutschland-Germany

1) inspected Material (in details) 1- کالا/مواد مورد بازرسی (جزئیات)

Three-phase induction motor with squirrel cage rotor
Serial No. 11000101138 and 11000101139
Type: NDKK450-02-G
Qty: 2 units

2) Scope of inspection	<input checked="" type="checkbox"/> Review of document <input type="checkbox"/> Quality control <input type="checkbox"/> Performance test <input checked="" type="checkbox"/> Packing and marking	<input checked="" type="checkbox"/> بررسی مدارک <input type="checkbox"/> بررسی کیفیت <input type="checkbox"/> آزمون کارایی <input checked="" type="checkbox"/> بسته بندی و نشانه گذاری	2- زمینه بازرسی <input checked="" type="checkbox"/> ظاهری <input checked="" type="checkbox"/> ابعادی <input type="checkbox"/> نمونه گیری و آزمون در حضور
<input checked="" type="checkbox"/> Visual <input checked="" type="checkbox"/> Dimension test <input type="checkbox"/> sampling & Witness test			

3) Applicable documents 3- منابع و مراجع مورد استفاده بازرسی

- Main Motor Data Sheet and Curve No. DPIC9812-000-VD-1002-ME-DS-0042
- Inspection & Test Plan (ITP) for Refrigeration Unit (PK-6101) No. DPIC9812-000-VD-1002-ME-ITP-0008
- Main Motor Drawing No. DPIC9812-000-VD-1002-ME-DWG-0014
- Specification of routine tests on asynchronous machines with squirrel cage rotors

4) Instruments used 4- ابزار و وسایل مورد استفاده در بازرسی

- Tape Meter

5) Inspection description 5- شرح کامل بازرسی

Inspected by:	Checked by:	Approved by:
Aref Charborji	P.GHOLAMI	



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According to the received inspection notification No. IN-299-1002-0004, the inspector visited HELMKE company to perform pre-shipment inspection for supplied three-phase motor based on ITP step A2. The following results were recorded by the inspector:

1- Visual Check:

The condition of presented main motors was checked visually at the first step and not any sign damages or defects were observed. The motors were in proper condition, genuine and brand-new.

The installed nameplate was checked based on provided data sheet with the following information:

- Manufacturer's name
- Type
- Serial No.
- Operation Details

2- Dimension Check:

According to the drawing No. DPIC9812-000-VD-1002-ME-DWG-0014 the dimensions of the external parts were measured and results are satisfactory with below details:

Item	Measured Value	Results
Engine length a	241.5 cm	In Range / OK
Engine height a	179.5 cm	In Range / OK
Engine width a	121.5 cm	In Range / OK
Length to the rotor part of the Engine a	166.5 cm	In Range / OK
Length from the fan and engine cover a	98.6 cm	In Range / OK
Width from the back of the engine a	121.5 cm	In Range / OK
Engine length b	241.2 cm	In Range / OK
Length to the rotor part of the Engine b	166.5 cm	In Range / OK
Engine height b	179.5 cm	In Range / OK
Length from the fan and engine cover b	98.6 cm	In Range / OK
Engine width b	121.5 cm	In Range / OK

3- Document Review:

The following documents which have been provided by the client, were reviewed by the inspector:

- Main Motor Data Sheet and Curve No. DPIC9812-000-VD-1002-ME-DS-0042
- Inspection & Test Plan (ITP) for Refrigeration Unit (PK-6101) No. DPIC9812-000-VD-1002-ME-ITP-0008

Inspected by: <i>Aref Charborji</i>	Checked by: P.GHOLAMI	Approved by:



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- Main Motor Drawing No. DPIC9812-000-VD-1002-ME-DWG-0014
- Specification of routine tests on asynchronous machines with squirrel cage rotors
- Declaration of Conformity
- Operating Manual
- Declaration of incorporation of partly completed machinery
- Technical data sheet
- Test certificate No. 11042200559
- Technical data for configuration
- Instructions for Maintenance and Inspection No. RHEMEWIE Version: 2 July, 2002
- Operating Instructions

Note: No more supporting documents were provided by the supplier at the day of the inspection.

4- Packing and Marking Check:

No final packing and shipping marks were prepared yet.

6) Non-Conformances <input checked="" type="checkbox"/> Yes: Final Packing and marking <input type="checkbox"/> NO	10- عدم تطابق دارد..... <input type="checkbox"/> ندارد..... <input type="checkbox"/>
7) Conclusion <input type="checkbox"/> Accepted <input type="checkbox"/> Rejected <input checked="" type="checkbox"/> NCR	7- نتیجه بازرسی <input type="checkbox"/> مورد تایید است <input type="checkbox"/> مردود است <input type="checkbox"/> دارای عدم تطابق است
8) Further Activities <input checked="" type="checkbox"/> Yes: Final Packing and marking <input type="checkbox"/> NO	8- شرح کار آینده دارد..... <input type="checkbox"/> ندارد..... <input type="checkbox"/>

9) Remarks	9) توجهات
No final packing and shipping marks were prepared yet.	
10) Attachments/Photos	10) ضمائم/تصاویر

Inspected by: Aref Charborji	Checked by: P.GHOLAMI	Approved by:



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MOM

Pics



Visual Check



Visual Check

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<p>Visual Check</p>	<p>Visual Check</p>

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Visual Check



Visual Check



Visual Check



Visual Check

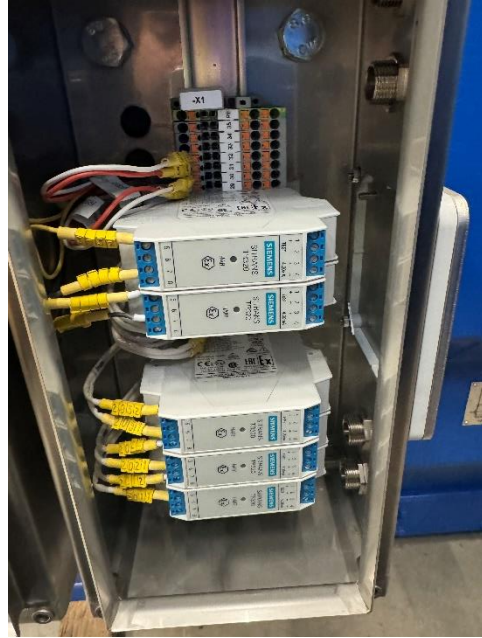
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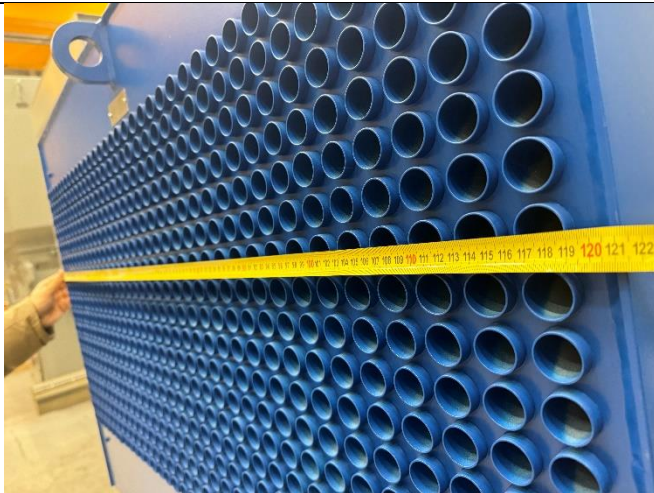
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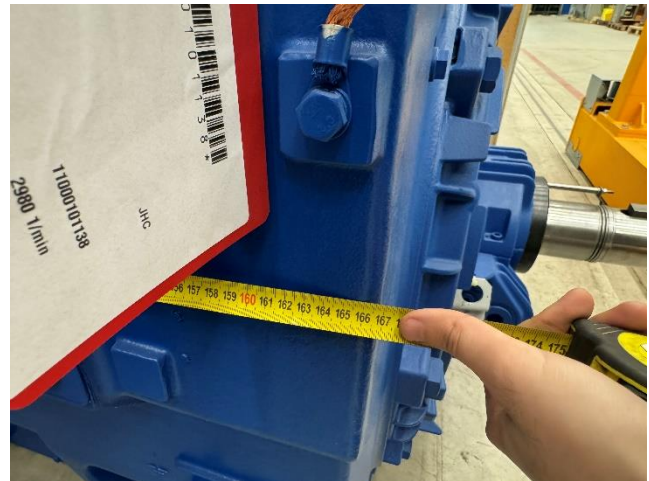
Dimension Check



Dimension Check



Dimension Check



Dimension Check

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Dimension Check



Inspector at Site

Inspected by:	Checked by:	Approved by:
<i>Aref Charborji</i>	P.GHOLAMI	