

# CERTIFICATE

No. 0034/104/2015

Manufacturer: **Joint Stock Company "Novomet-Perm"**  
**395, Shosse Kosmonavtov, Perm, Perm region, 614065, Russia**

Product: **Electrical Asynchronous Motor**  
Type: **N378AM series,  
N406AM series,  
N460AM series,  
N512AM series,  
N562AM series,  
N744AM series  
and their variations**

Specification: **product variations are specified on the reverse side of the certificate**


This certificate confirms the compliance of the product type characteristics with the technical requirements given in standard:

**EN 60034-1:2010/AC: 2010**  
**EN 60034-8:2007/A1:2014**

**EN 60034-5:2001/A1:2007**

The certificate has been issued on the basis of the tests of the product type sample. The results are recorded in the Conformity assessment report No 150500174/2 dated 09. 12. 2015.

Issue date: 18. 12. 2015  
Expiry date: 17. 12. 2018  
Issue: 1



Ing. Dušan HANKO  
Head of Product Certification Body



**Specification product variations:**

N	xxx	AM	xxx	xxxxV	xxx	xxx	xxx	TYPExx	HRZ	NDSx
1	2	3	4	5	6	7	8	9	10	11

Where:

1. Manufacturer: **N (Novomet)**
2. Series: **378, 406, 460, 512, 562, 744**
3. Asynchronous motor: **AM**
4. Power, hp (at 60Hz): **45 to 1046**  
Power, kW (at 50Hz): **40 to 650**
5. Voltage, V (at 60Hz): **1020 to 5040**  
Voltage, V (at 50Hz): **1150 to 4200**
6. Single and tandem motors: **SGL** – Single motor, **DBL** – Double motor, **TRP** – Triple motor
7. Corrosion resistance: **CR0, CR2C, CR2S, CRM, CRMS, CR3, UCR**
8. Heat resistance: **MT, HT, UHT, HHT**
9. MLE plug type (size) to be connected with: **TYPE00, TYPE1, TYPE4**, if applicable
10. Design modification: **HRZ** – for horizontal operation, if applicable
11. Type of Downhole Sensor: **NDS1, NDS2, NDS3**, if applicable

**This certificate is issued under the following conditions:**

1. The certificate applies only to the product type submitted to the tests specified in the report referenced above and its variations.
2. The production process/factory production control is not covered by this certificate.
3. The certificate does not imply that the certification body has performed any surveillance or control of the production process.
4. The manufacturer shall ensure the conformity of subsequent production items with the certified type.
5. Changes that may affect the conformity with the certification requirements may make the continuation of the certificate validity dependent on the evidence as for the observance of requirements under which the certificate has been awarded, or on an additional evaluation.

