



NAWOO LTD.

| NDT TOTAL SOLUTION |

나우주식회사

CERTIFICATE

Date: April.02.2018

Certificate Number : 18-MP1-001

Item Name : Contrast Paint for magnetic Particle testing Aerosol
 Brand Name : PICO-MAG
 Model : White Paint NMP-1 (자분페인트)
 LOT NO. : 18MP119

We hereby certify that the above Model used for magnetic particle inspection meets the below mentioned Typical Properties in accordance with the EN ISO 9934-2:2002 and ASME B & PV Code, Sec. V.

Typical Properties

* Color	White
* Density	1.065
* Solubility in Water	Immiscible
* Drying Time	2 ~ 10 min
* Corrosion	Non corrosive
* Sulfur	0.15 wt%
* Applying sample surface temperature	Below 135°F (57°C)

Technical Manager Lee Jong Sup

이종섭

Nawoo Ltd.





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CERTIFICATE

Date: April.02.2018

Number : 18-MPF-001

Item : Magnetic Particle testing Aerosol (Fluorescent)
 Brand : PICO-MAG
 Model : Fluorescent NMP-F (형광자분)
 LOT NO. : 18MPF19

We hereby certify that the above Model used for magnetic particle inspection meets the below mentioned Typical Properties in accordance with the ASTM E-709 and ASME B & PV Code, Sec. V.

Typical Properties

* Color under white light	Brown
* Color under Black light	Yellow-green fluorescence
* Particle	Magnaflux 14A Magnaglo powder
* Particle size (Microns)	6 microns
* SAE Sensitivity	8 ~ 9
* Setting Volume	0.21ml(per 100ml)
* Applying sample surface temperature	Below 120°F(49 °C) Minimum 23°F(-5 °C)

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Date: April.02.2018

Number : 18-MPB-001

Item : Magnetic Particel testing Aerosol
 Brand : PICO-MAG
 Model : Black NMP-B(흑색자분)
 LOT NO. : 18MPB19

We hereby certify that the above Model used for magnetic particle inspection meets the below mentioned Typical Properties in accordance with the ASTM E-709 and ASME B & PV Code, Sec. V.

Typical Properties

* Particle	Magnaflux 7C black powder
* Color	Black
* Particle size (Microns)	Less than 20
* SAE Sensitivity	6 minimum
* Setting Volume	2.0ml (per 100ml)
* Applying sample surface temperature	Below 135°F (57°C) Minimum 23°F(-5°C)

Technical Manager Lee Jong Sup

이종섭

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