

**LETTER OF CERTIFICATE**

DATE 2007. 3. 06.

Item Name : Wet Method Color Contrast Magnetic Material  
 Brand Name : PICO-MAG  
 Model : Black NMP-B( )  
 LOT NO. : 07MPB08

We hereby certify that the above material used for magnetic particle inspection meets the requirements of ASTM E-709, BS 4069 and ASME B & PV Code, Sec. V.

Typical Properties

- |                                       |                                     |
|---------------------------------------|-------------------------------------|
| * Particle                            | Magnaflux 7C powder                 |
| * Color                               | Black                               |
| * Particle size (Microns)             | Less Than 20                        |
| * SAE Sensitivity                     | 6 minimum                           |
| * Setting Volume(Setting Time: 30min) | 2.0ml (per 100ml)                   |
| * Sulfur                              | 0.13 wt%                            |
| * Chlorine                            | 0.15 wt%                            |
| * Flash point (PM)                    | 200 (93 )                           |
| * Applying sample surface temperature | Below 135 (57 )<br>Minimum 23 (-5 ) |



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