## TUVNORD

## Certificate

## TN/AD2000-W0/1213/23

Report No. / Manufacturer No. / Validity remark: 8122270443 / 1213 / October 2023 - October 2026

## Material Manufacturer <br> acc. to AD 2000-Merkblatt W 0

TÜV NORD Systems GmbH \& Co. KG confirms that the manufacturer

## CREATIVE CASTINGS LIMITED

Plot No.102. G.I.D.C. Estate ,Phase-II,
Dolatpara,Junagadh-362 003
Gujarat,INDIA
has been inspected and recognised as a material manufacturer in accordance with the requirements of the certification scheme TNS-AD2000-W0 acc. to AD 2000-Merkblatt W 0.

For details, see the report and the scope of the assessment.
The manufacturer has the following requirements:

- facilities for proper manufacturing and testing,
- appropriate processes for the manufacture of the products,
- skilled personnel for the manufacture and testing of the products and
- a quality management system with corresponding records that ensures proper manufacture of the products and compliance with the requirements specified in the material specification.


## TUVNORD

## Scope of Approval

## TN/AD2000-W0/1213/23

Report No. / Manufacturer No. / Validity remark: 8122270443 / 1213 / October 2023 - October 2026

| No. | Material designation | Specification | Delivery cond. [info] | Product form | Dimensions thickn./ Ø | weight | AD 2000 Merkblatt acc. to W series | Remarks |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1.1 | 1.4309 | EN 10213 | +AT | Valve \& Pump | 50 mm | Maximum | Directive 2014/68/EU | Certificate acc. To PED annex |
| 1.2 | 1.4409 | EN 10213 | +AT | Castings | Max. | 80 Kgs |  | By the notified body of |
| 1.3 | 1.4470 | EN 10213 | +AT |  |  |  |  | TUV NORD systems (Reg.no.0045) |
| 2.1 | 1.0619 | EN 10213 | $+\mathrm{N}$ | Valve \& Pump | 50 mm | Maximum | Directive 2014/68/EU |  |
| 2.2 | 1.4308 | EN 10213 | +AT | Castings | Max. | 80 Kgs | AD 2000 Merkblatt W5 | Approved WPS in area of |
| 2.3 | 1.4408 | EN 10213 | +AT |  |  |  |  | AD 2000 are |
| 2.4 | 1.4552 | EN 10213 | +N/+QT |  |  |  |  | WPS/EN/CS/01 and WPS/EN/SS/01 |
| 2.5 | 1.7357 *1 | EN 10213 | +NT | Valve \& Pump | 50 mm | Maximum | Directive 2014/68/EU |  |
| 2.6 | 1.7379 *1 | EN 10213 | +NT | Castings | Max. | 80 Kgs | AD 2000 Merkblatt W5 |  |
| 2.7 | 1.4581 | EN 10213 | +AT |  |  |  |  |  |
| 3.1 | 1.4408 *1 | EN 10213 | +AT | Valve \& Pump Castings | 50 mm <br> Max. | Maximum 80 Kgs | Directive 2014/68/EU <br> AD 2000 Merkblat W10 | *1 With Insp. Certificate 3.2 in accordance with EN 10204 is nessessary |
| TÜV* |  |  |  |  |  |  |  | TUVNORDGROUP |

## TUVNORD

$+\mathrm{AT}=$ solution annealed; $+\mathrm{N}=$ normalised, normalising formed; $+\mathrm{U}=$ untreated; $+\mathrm{NT}=$ normalised and tempered; + QT $=$ quenched and tempered; $+\mathrm{M}=$ thermomechanically formed; $+\mathrm{AR}=$ as rolled; + SR = stress relieved; +A = soft annealed; +CR = cold rolled.
(further symbols EN 10027-1, Tab. 18)
CLICK TO CLOSE.

## Scope of the Assessment

TN/AD2000-W0/1213/23
Report No. / Manufacturer No. / Validity remark: 8122270443 / 1213 / October 2023 - October 2026

| No. | material designation | specification | delivery cond. [info] | product form | dimensions thickn./ Ø | weight | AD 2000 Merkblatt acc. to W series | remarks |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 4.1 | WCB | ASTM-A-216 | $+\mathrm{N}$ | Valve \& Pump | 50 mm | Maximum |  | If use in area of PED |
| 4.2 | WCC | ASTM-A-216 | $+\mathrm{N}$ | Casting | Max | 80 Kgs |  | 2014/68/EU a Perticular |
| 4.3 | LCC | ASTM-A-352 | +QT |  |  |  |  | Material Appraisal (PMA) |
| 4.4 | LCB | ASTM-A-352 | +QT |  |  |  |  | is necessary |
| 4.5 | CF8 | ASTM-A-351 | +AT |  |  |  |  |  |
| 4.6 | CF8M | ASTM-A-351 | +AT |  |  |  |  |  |
| 4.7 | CF3 | ASTM-A-351 | +AT |  |  |  |  |  |
| 4.8 | CF3M | ASTM-A-351 | +AT |  |  |  |  |  |
| 4.9 | CK3MCuN | ASTM-A-351 | +AT |  |  |  |  |  |
| 5.1 | CN7M | ASTM-A-744/A351 | +AT |  |  |  |  |  |
| 5.2 | CF8C | ASTM-A-351 | +AT |  |  |  |  |  |
| 5.3 | CW2M | A/SA 494 | +AT |  |  |  |  |  |
| 5.4 | CX2MW | A/SA 494 | +AT |  |  |  |  |  |
| 5.5 | M35-1 | A/SA 494 | As Cast |  |  |  |  |  |
| 5.6 | 3A | A/SA 890/995 | +AT |  |  |  |  |  |
| 5.7 | 4A | A/SA 890/995 | +AT |  |  |  |  |  |
| 5.8 | 5A | A/SA 890/995 | +AT |  |  |  |  |  |
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## Scope of the Assessment

TN/AD2000-W0/1213/23
Report No. / Manufacturer No. / Validity remark: 8122270443 / 1213 / October 2023 - October 2026

| No. | material designation | specification | delivery cond. [info] | product form | dimensions thickn./ Ø | weight | AD 2000 Merkblatt acc. to W series | remarks |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 5.9 | CD4MCuN | A/SA 995 | +AT | Valve \& Pump | 50 mm | Maximum |  | If use in area of PED |
| 6.0 | CG8M | ASTM-A-351 | +AT | Casting | Max | 80 Kgs |  | 2014/68/EU a Perticular |
| 6.1 | CH-20 | ASTM-A-351 | +AT |  |  |  |  | Material Appraisal (PMA) |
| 6.2 | CK-20 | ASTM-A-351 | +AT |  |  |  |  | is necessary |
| 6.3 | CF3A | ASTM-A-351 | +AT |  |  |  |  |  |
| 6.4 | WC6 | ASTM-A-217 | +NT |  |  |  |  |  |
| 6.5 | WC9 | ASTM-A-217 | +NT |  |  |  |  |  |
| 6.6 | LC2 | ASTM-A-352 | +QT |  |  |  |  |  |

