

Visit Report

Visit report number VR-01	Date of issue 15 December 2009	Office Shanghai	Control number SHI0915303/1
Report of visit to CDM TITAN Metal & Alloys Industry Co., Ltd.			Date of visit 15 December 2009
Client		Project	
Client reference ITP:3205-xx-xx-xx-00x Rev. A		Co-ordinated contract reference	

Supplier CDM TITAN Metal & Alloys Industry Co., Ltd.	Main order number
Sub-supplier	Sub-order number
Period covered by this visit report 14-15 December 2009	Order status complete
Item number	Tag number

Description of item
CLAD PLATE FOR EXPLOSION WIDTH 1200 mm x LENGTH 2400 mm according to SA 264
BASE STEEL SA-516 Gr 70 MIN THICK: 70mm + CLAD SA 240 Tp 316L MIN THICK: 8 mm

Primary documents
ITP: 3205-xx-xx-xx-00x Rev. A

Report of activities

- Review base raw material certificate according to ASME SA-516 Gr 70 and requirement of ITP.
 $C=0.19\%$, carbon equivalent (CE) $=C + Mn/6 + (Cr + Mo + V)/5 + (Ni + Cu)/15=0.393\% < 0.41\%$, these two values are acceptable according to standard and ITP.
Other items in raw material certificate are acceptable according to ASME SA-516 Gr. 70 also.
- Review clad raw material certificate according to ASME SA 240 Tp 316 L, found satisfactory.
- Review steel cladding plate inspection certificate according to ASME SA 264, found satisfactory.
- Witness UT according to ASME SA 578 (S1, S6 and Level B).
The scanning was carried out at two directions: transverse and parallel direction to the major plate axis. No discontinuity was found in base material, and no unbonded area was found between clad material and base material either. The result is acceptable.
- Carry out dimension inspection (width, length and thickness), the result is acceptable.

The inspector's initial " " has been stamped to each side edge of plate for identification.

Photo:



Scanning in transverse direction



scanning in parallel direction



dimension measurement



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Inspection	Travel expenses: car	Travel	Reporting
Other(s)			

Distribution: original LR Argentina	Signature
Distribution: copies LR Argentina LR Shanghai	
Name in BLOCK CAPITALS YONGHE SU Inspector to Lloyd's Register Industry Technical Service (Shanghai) Co., Ltd. A member of the Lloyd's Register Group	

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