




<b>OFFICINE SASPE GROUP</b> Arese (MI)		N.F. serial number ---	SIGLA item 63A3	FOGLIO NUMERO Sheet number 1
CLIENTE customer Ballestra	N° ORDINE order No. --		COMMESSA N° Job No. 2F11 (659/12)	
IMPIANTO plant Sabiz	DETTAGLIO detail Slurry collection vessel	DISEGNO N° drawing No. ST.240.037		
NORME rules Std. Ballestra	OPERATORE operator --	CERTIFICATO N° certificate No. --	FASE PCQ QCP phase --	
NOTE notes				
ENTE COLLAUDATORE inspection body		OFFICINE SASPE GROUP s.r.l. <b>OFFICINE SASPE GROUP s.r.l.</b> Via Senato, 10 - 20072 Arese (Milano) - ITALY P.IVA/C.F. Reg. Impr. 08774910155		DATA date 13/11/2012

 <b>Arese (MI)</b>		N.F. serial number --	SIGLA item 63A3	FOGLIO NUMERO Sheet number 2
CLIENTE customer Ballestra		N° ORDINE order No. --		COMMESSA N° Job No. 2F11 (659/12)
IMPIANTO plant Sabiz		DETTAGLIO detail Slurry collection vessel		DISEGNO N° drawing No. ST.240.037
NORME rules Std. Ballestra	OPERATORE operator --	CERTIFICATO N° certificate No. --	FASE PCQ QCP phase --	
<b>** CONTENUTO **</b> contents				
DESCRIZIONE description				PAG. N° page n°
ELENCO CERTIFICATI DEI MATERIALI materials certificates list				3
CERTIFICATI DEI MATERIALI materials certificates				4/1 ÷ 4/3
CERTIFICATO DI CONTROLLO VISIVO E DIMENSIONALE visual and dimensional check report				5
CERTIFICATO DI PROVA IDRAULICA hydrostatic test certificate				6
NOTE notes				
ENTE COLLAUDATORE inspection body		OFFICINE SASPE GROUP s.r.l. <b>OFFICINE SASPE GROUP s.r.l.</b> Via Senato, 10 - 20020 Arese (Milano) - ITALY P.IVA/C.F. Reg. Impr. 08774910155		DATA date 13/11/2012

<b>OFFICINE SASPE GROUP</b> Arese (MI)		N.F. serial number --	SIGLA item 63A3	FOGLIO NUMERO Sheet number 3
CLIENTE customer Ballestra		N° ORDINE order No. --		COMMESSA N° Job No. 2F11 (659/12)
IMPIANTO plant Sabiz		DETTAGLIO detail Slurry collection vessel		DISEGNO N° drawing No. ST.240.037
NORME rules Std. Ballestra		OPERATORE operator --	CERTIFICATO N° certificate No. 659 / MAT	FASE PCQ QCP phase --

**\*\* ELENCO CERTIFICATI DEI MATERIALI \*\***  
 material certificates list


POS. pos.	DESCRIZIONE description	Sp. thk.	MATERIALE material	COLATA / LOTTO heat No. / plate No.	FORNITORE supplier	N° CERTIF. certificate No.	DATA date
2	SHELL	4	ASTM A 516 GR. 60	730819396	ARCELOR MITTAL	730/166788	13/11/ 08
3	BOTTOM	5	ASTM A 516 GR. 60	730129454	ARCELOR MITTAL	730/331684	22/07/ 11
4	FIXED COVER	4	ASTM A 516 GR. 60	730819396	ARCELOR MITTAL	730/166788	13/11/ 08
5	OPENABLE COVER	4	ASTM A 516 GR. 60	730819396	ARCELOR MITTAL	730/166788	13/11/ 08
8	COIL Ø26.7	2.87	ASTM A 106 GR. B	99357	PIETRA	14656	25/01/ 05

NOTE  
notes

ENTE COLLAUDATORE  
inspection body

OFFICINE SASPE GROUP s.r.l.  
**OFFICINE SASPE GROUP s.r.l.**  
 Via Senato, 10 - 20020 Arese (Milano) - ITALY  
 P.IVA/C.F. Reg. Impr. 08774910155


DATA  
 date  
 13/11/2012

INSPECTION CERTIFICATE										NF EN 10204-3.1/DIN 50049-3.1.B/ISO 10474										B.E. 730 / 16788 / 1 A09/A05																																							
Signé du producteur / Trade mark 										T Re=32 MPa KSI Rm=60 -80 KSI A%(50)=25 MPa E: Recuit Emaillage / Enamelling Annealing BL: Brui de bainage / AS rolled LN: Laminage normalisé / Normalising forming A: Revenu / Tempered TE: Trempe à l'eau / Water quenching LTC: Laminé temp. contrôlée / Thermo-controlled forming TM: Laminage thermomécanique / Thermo-mechanical forming N: Normalisés / Normalised D: Détensionné / Stress relieved G: Adhésif par résine / Soft annealed										E: Recuit Emaillage / Enamelling Annealing BL: Brui de bainage / AS rolled LN: Laminage normalisé / Normalising forming A: Revenu / Tempered TE: Trempe à l'eau / Water quenching LTC: Laminé temp. contrôlée / Thermo-controlled forming TM: Laminage thermomécanique / Thermo-mechanical forming N: Normalisés / Normalised D: Détensionné / Stress relieved G: Adhésif par résine / Soft annealed																																							
Organisme et/ou service de contrôle Inspection ARCELORMITTAL MEDITERRANEE USINE DE FOS SUR MER 13776 - FOS SUR MER CEDEX FRANCE Tél: 04.42.47.33.14 Fax: 04.42.47.17.20										Client et/ou destinataire Purchaser and/or consignee SIDERURGICA ASTICO SPA RECEPTION USINE +SUP VIA ASTICO 44 ER CONTR. ORGANISME I-36030 FARA VICENTINO (VI) ITALIE										N° Commande Usine Works order N° 83H1418005 12U653										N° Commande Courant/Client Broker/purchaser's order N° 85										Nuances et spécifications techniques / Quality and specifications SAS16GR60-15AMPLE/ASME316 HOT ROLLED COIL AS ROLLED																			
Identification du produit Product identification Repère pièce Plate number B08 7702049 7622026										Dimensions Longueur Length B13 1800,00 Largeur Width B12 1800,00 Epaisseur Thickness B11 4,000										Masse Weight (7) 21305 19585										Traction / Tensile test Rm C12 70,6 30,2 R <sub>0,2</sub> C11 52,9 C13 70,6 A% C14 29										Résilience / Notch toughness Charpy C0 50,069 C02 50,069 C04 50,069 C06 50,069 C08 50,069 C10 50,069 C12 50,069 C14 50,069 C16 50,069 C18 50,069 C20 50,069 C22 50,069 C24 50,069 C26 50,069 C28 50,069 C30 50,069 C32 50,069 C34 50,069 C36 50,069 C38 50,069 C40 50,069 C42 50,069 C44 50,069 C46 50,069 C48 50,069 C50 50,069 C52 50,069 C54 50,069 C56 50,069 C58 50,069 C60 50,069 C62 50,069 C64 50,069 C66 50,069 C68 50,069 C70 50,069 C72 50,069 C74 50,069 C76 50,069 C78 50,069 C80 50,069 C82 50,069 C84 50,069 C86 50,069 C88 50,069 C90 50,069 C92 50,069 C94 50,069 C96 50,069 C98 50,069 C100 50,069										Moyenne Average C0 50,069 C02 50,069 C04 50,069 C06 50,069 C08 50,069 C10 50,069 C12 50,069 C14 50,069 C16 50,069 C18 50,069 C20 50,069 C22 50,069 C24 50,069 C26 50,069 C28 50,069 C30 50,069 C32 50,069 C34 50,069 C36 50,069 C38 50,069 C40 50,069 C42 50,069 C44 50,069 C46 50,069 C48 50,069 C50 50,069 C52 50,069 C54 50,069 C56 50,069 C58 50,069 C60 50,069 C62 50,069 C64 50,069 C66 50,069 C68 50,069 C70 50,069 C72 50,069 C74 50,069 C76 50,069 C78 50,069 C80 50,069 C82 50,069 C84 50,069 C86 50,069 C88 50,069 C90 50,069 C92 50,069 C94 50,069 C96 50,069 C98 50,069 C100 50,069									
(1) B01 B02 B03 B04 B05 B06 B07 B08 B09 B10 B11 B12 B13 B14 B15 B16 B17 B18 B19 B20 B21 B22 B23 B24 B25 B26 B27 B28 B29 B30 B31 B32 B33 B34 B35 B36 B37 B38 B39 B40 B41 B42 B43 B44 B45 B46 B47 B48 B49 B50 B51 B52 B53 B54 B55 B56 B57 B58 B59 B60 B61 B62 B63 B64 B65 B66 B67 B68 B69 B70 B71 B72 B73 B74 B75 B76 B77 B78 B79 B80 B81 B82 B83 B84 B85 B86 B87 B88 B89 B90 B91 B92 B93 B94 B95 B96 B97 B98 B99 B100										(2) B01 B02 B03 B04 B05 B06 B07 B08 B09 B10 B11 B12 B13 B14 B15 B16 B17 B18 B19 B20 B21 B22 B23 B24 B25 B26 B27 B28 B29 B30 B31 B32 B33 B34 B35 B36 B37 B38 B39 B40 B41 B42 B43 B44 B45 B46 B47 B48 B49 B50 B51 B52 B53 B54 B55 B56 B57 B58 B59 B60 B61 B62 B63 B64 B65 B66 B67 B68 B69 B70 B71 B72 B73 B74 B75 B76 B77 B78 B79 B80 B81 B82 B83 B84 B85 B86 B87 B88 B89 B90 B91 B92 B93 B94 B95 B96 B97 B98 B99 B100										(3) B01 B02 B03 B04 B05 B06 B07 B08 B09 B10 B11 B12 B13 B14 B15 B16 B17 B18 B19 B20 B21 B22 B23 B24 B25 B26 B27 B28 B29 B30 B31 B32 B33 B34 B35 B36 B37 B38 B39 B40 B41 B42 B43 B44 B45 B46 B47 B48 B49 B50 B51 B52 B53 B54 B55 B56 B57 B58 B59 B60 B61 B62 B63 B64 B65 B66 B67 B68 B69 B70 B71 B72 B73 B74 B75 B76 B77 B78 B79 B80 B81 B82 B83 B84 B85 B86 B87 B88 B89 B90 B91 B92 B93 B94 B95 B96 B97 B98 B99 B100										(4) B01 B02 B03 B04 B05 B06 B07 B08 B09 B10 B11 B1																													

## INSPECTION CERTIFICATE

[illegible]



 <b>Officine SASPE GROUP</b> Arese (MI)		N.F. serial number --	SIGLA item 63A3	FOGLIO NUMERO Sheet number 5
CLIENTE customer Ballestra		N° ORDINE order No. --		COMMESSA N° Job No. 2F11 (659/12)
IMPIANTO plant Sabiz		DETTAGLIO detail Slurry collection vessel		DISEGNO N° drawing No. ST.240.037
NORME rules Std. Ballestra	OPERATORE operator --		CERTIFICATO N° certificate No. 659 / VD	FASE PCQ QCP phase --
<b>** CERTIFICATO CONTROLLO VISIVO E DIMENSIONALE **</b> visual and dimensional check report				
<p style="text-align: center;"> <b>L'ATTREZZATURA È STATA CONTROLLATA          DIMENSIONALMENTE RISULTANDO IN ACCORDO AL          DISEGNO COSTRUTTIVO E ALLE TOLLERANZE</b> </p> <p style="text-align: center;"> <b>The equipment has been dimensional checked and found in          according to the construction drawing and tolerances</b> </p>				
SPECIFICA N° specification No. <p style="text-align: center;"><b>PROCEDURA 24 – DISEGNO n° ST.240.037</b></p>				
CLIENTE ISPETTORE Sig. customer inspector <div style="border-bottom: 1px solid black; height: 20px; width: 100%;"></div>				
RESPONSABILE UFFICIO COLLAUDI OFFICINE SASPE GROUP s.r.l. inspector <div style="display: flex; justify-content: space-between;"> <span>Mr.</span> <div style="border-bottom: 1px solid black; height: 20px; width: 80%;"></div> </div>				
ISPETTORE DEL inspector of <div style="display: flex; justify-content: space-between;"> <span>_____</span> <span>Mr.</span> <span>_____</span> </div>				
ISPETTORE DEL inspector of <div style="display: flex; justify-content: space-between;"> <span>_____</span> <span>Mr.</span> <span>_____</span> </div>				
ESITO DEL CONTROLLO result <p style="text-align: center;"><b>POSITIVO - positive</b></p>				
NOTE notes <div style="border-bottom: 1px solid black; height: 20px; width: 100%;"></div>				
ENTE COLLAUDATORE inspection body		OFFICINE SASPE GROUP s.r.l. <b>OFFICINE SASPE GROUP s.r.l.</b> Via Senato, 10 - 20090 Arese (Milano) - ITALY P.IVA/C.F. Reg. Impr. 03774910155		DATA date 13/11/2012

<b>OFFICINE SASPE GROUP</b> Arese (MI)		N.F. serial number --	SIGLA item 63A3	FOGLIO NUMERO Sheet number 6
CLIENTE customer Ballestra	N° ORDINE order No. --		COMMESSA N° Job Mo. 2F11 (659/12)	
IMPIANTO plant Sabiz	DETTAGLIO detail Slurry collection vessel		DISEGNO N° drawing No. ST.240.037	
NORME rules Std. Ballestra	OPERATORE operator --	CERTIFICATO N° certificate No. 659 / PI	FASE PCQ QCP phase --	

## \*\* CERTIFICATO DI PROVA IDRAULICA \*\*

hydrostatic test certificate

SI CERTIFICA CHE L'APPARECCHIO A PRESSIONE SOPRA MENZIONATO È  
STATO SOTTOPOSTO A PROVA IDRAULICA ALLA PRESENZA DI:  
we certify that the above pressure vessel has been hydrostatically tested and witnessed

ISPETTORE DEL  
inspector of \_\_\_\_\_ Mr. \_\_\_\_\_

ISPETTORE DEL  
inspector of \_\_\_\_\_  
**OFFICINE SASPE GROUP**  
 s.r.l. \_\_\_\_\_ Mr. **E. Accomazzi**

ALLA PRESSIONE SOTTO MENZIONATA  
at the mentioned below pressure

DESCRIZIONE description	POSIZIONE position	PRESSIONE pressure		TEMPO time		RISULTATO result
PRESSIONE LATO MANTELLO shell side pressure	VERTICALE vertical	Riempimento Filling		ORE hours	2	POSITIVO positive
PRESSIONE LATO COIL coil side pressure	VERTICALE vertical	Bar g	10.5	ORE hours	2	POSITIVO positive
PRESSIONE LATO SEMITUBO half coil side pressure	--	--	--	--	--	--
PRESSIONE PIASTRE RINFORZO reinforcing plate pressure	--	--	--	--	--	--

NOTE  
notes

ENTE COLLAUDATORE  
inspection body

OFFICINE SASPE GROUP s.r.l.  
**OFFICINE SASPE GROUP s.r.l.**  
 Via Senato, 10 - 20030 Arese (Milano) - ITALY  
 P.IVA/C.F. Reg. Impr. 08774910155

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