

<b>S.C. ROTEC S.A</b> Alea Industriei Nr. 12 <b>BUZAU ROMANIA</b>	<b>MILL TEST REPORT</b> No.: 4177      Date: 11.08.2004	Original certificate no: 20007159
Purchaser: <b>ALLIED FITTING CORP</b>	Purchaser order no.: 50604 NRR	Works order no.: 24075/ 26

Item	Quantity	Description	Specification	Steel Grade	Steel Specification	TT	H HB max	Heat No.
	1	CONC. RED. 36"x 30" XH	ANSI B16.9	WPB	PLATE	A	142	938715

(TT) Heat treatment

A= Normalized  
B= Stress - relieving

H = Hardness test

Heat No.	C%	Si%	Mn%	P%	S%	Cu%	Ni%	Cr%	Mo%	V%	NiB%
938715	012	024	095	0035	0015	003	001	003	0008	001	<0003

**CHEMICAL COMPOSITION**

**MECHANICAL TEST**

Heat no.	Tensile test			Rc1	Impact test	
	Rc <sup>20</sup> MPa	Rm MPa	A %		Value J/cm <sup>2</sup>	Type
938715	331	475	35	-	-	-



Rc<sup>20</sup> = yield strength      C = striction

Rm = tensile strength      A = elongation

Rc<sup>1</sup> = yield strength at prescribed temperature

Observation:

1. ASTM A-234-WPB/ 99, ASME SA-234-WPB/ 01
2. X Ray 100% according to ASME ,Section V,Art. 2, and ASME -Sec VIII,parag. UW 51
3. Elongation : longitudinal/ rectangular specimen
4. Serial No.: 013
5. X -Ray no.: 4277

We certify that the delivered products comply with the specification of the order <b>Product compliant with NACE MR0175</b>	Name:	Qc-Department Eng. C. Blonica	
	Signature:		
Date: 11.08.2004			

ALLIED FITTING  
 TRUE COPY OF  
 ORIGINAL MTR  
 SIGN