



QTR
Qualification Test Record
NORSOK M-650 REV. 3

QTR. No.: 1

Rev. No.: 3

Manufacturer name/address/ Web page:

ACERIA DE ALAVA, S.A.
 (ACERALAVA)
 Tres Cruces, 8 01400 Llodio (Alava)
 Spain
www.tubacex.com

PLANT:
 Poligono de Saracho s/n
 01470 Amurrio (Alava) Spain

Reference standard

NORSOK M-650 REV. 3
 ASTM A276
 ASTM A479

Material designation and MDS No.:

BARS MDS D47 REV. 3 UNS S 31803 / UNS S 32205

Manufacturing summary doc. No.:

1. MS 31803 HR
2. MS 31803 HF

Rev. No.:
 0
 0

Products and manufacturing process(es):

1. HOT ROLLED BARS
2. FORGED BARS

Mandatory conditions and sub-contractors:

Mechanical and corrosion testing carried at TTI Tubacex Tubos Inoxidables, S.A.

Other information:

Material can be supplied in a non heat treated condition to be later processed to obtain material against a Material Data Sheet.

Tested and Qualified Thickness and Weight

Products and manufacturing process(es):	Test record No.	Tested Thickness (mm)	Qualified thickness (mm)	Test piece weight (kg)	Qualified weight (kg)
1	1-31803	230 finished 238 rough	230 finished 238 rough	NA	NA
2	2-31803	325 finished 335 rough	325 finished 335 rough	NA	NA

Qualification/Acceptance signatures

Manufacturer:

Prepared by/Date:

Carlos Arrieta July 2007

Checked by/Date:

Javier Valle July 2007

The manufacturer and this QTR are evaluated and found to be in compliance with the requirements of NORSOK M-650 for supply of the above listed products and materials.
 This acceptance does not exempt any purchaser from his responsibility to ensure that this qualification is valid for his products within the essential variables of NORSOK M-650.

Qualified/Accepted by (company name/address):

Signature/Date:



Jarle Pollestad
 28.09.2007



QTR
Qualification Test Record
NORSOK M-650 REV. 3

QTR. No.: 2

Rev. No.: 3

Manufacturer name/address/ Web page:	ACERIA DE ALAVA, S.A. (ACERALAVA) Tres Cruces, 8 01400 Llodio (Alava) Spain www.tubacex.com	PLANT: Polígono de Saracho s/n 01470 Amurrio (Alava) Spain
--------------------------------------	--	--

Reference standard	NORSOK M-650 REV. 3 ASTM A276 ASTM A479
--------------------	---

Material designation and MDS No.:	BARS MDS D57 REV. 3 UNS S 32760
-----------------------------------	---

Manufacturing summary doc. No.:	1. MS 32760 HF	Rev. No.: 0
---------------------------------	----------------	-------------

Products and manufacturing process(es):	1. FORGED BARS
---	----------------

Mandatory conditions and sub-contractors:	Mechanical and corrosion testing carried at TTI Tubacex Tubos Inoxidables, S.A.
---	---

Other information:	Material can be supplied in a non heat treated condition to be later processed to obtain material against a Material Data Sheet. Material not pickled.
--------------------	---

Tested and Qualified Thickness and Weight

Products and manufacturing process(es):	Test record No.	Tested Thickness (mm)	Qualified thickness (mm)	Test piece weight (kg)	Qualified weight (kg)
1	1-32760	245 finished 257 rough	245 finished 257 rough	NA	NA

Qualification/Acceptance signatures

Manufacturer:	Prepared by/Date: Carlos Arrieta July 2007	Checked by/Date: Javier Valle July 2007
----------------------	--	---

The manufacturer and this QTR are evaluated and found to be in compliance with the requirements of NORSOK M-650 for supply of the above listed products and materials.
 This acceptance does not exempt any purchaser from his responsibility to ensure that this qualification is valid for his products within the essential variables of NORSOK M-650.

Qualified/Accepted by (company name/address):	Signature/Date: Javier Pollestad 28.09.2007
--	--

