IMO ODOBEZ	**Qualification Test Record (QTR)** **NORSOK M-650**	*QTR. No.:* ***IMO 01-51*** *Rev. No.:* ***0***
Manufacturer name/address/ Web page:	***Industria Metallurgica ODOBEZ s.r.l.*** *Via Degli Aceri, 17 – 23818 Pasturo (LC) – Italy* *http://www.odobez.com*	
Reference standard	NORSOK M-650, Edition 4	
Material designation and MDS No.:	**ASTM A182 F51 – UNS S31803 – MDS D44, Revision 6.**	
Manufacturing Summary doc. No.:	**FD-01-51**	*Rev. No.:* ***1***
Products and manufacturing process(es):	***Forged Discs*** *Production route No. FD-01-51*	
Mandatory conditions and sub-contractors:	• Heat treatment by **BTT s.r.l.** Località Fornaci (BS) Italy: • Use of furnace Atlante 2 acc. to procedure Nr. P.37.E • Forgings shall be machined as close as possible to final shape prior to quality heat treatment.	
Other information:	• Tests performed by **S.M.T. s.r.l.** – Pozzo d'Adda (MI) – Italy. • Test location plan No. 345 Rev. 0. • S.M.T. Tests report: RP-127803 • Verification of H.T. Procedure performed on 13/10/2021 for Atlante 2	
Qualification expires:	***18th July 2029***	

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]***
Forged Discs	RP-127803	430	430	537	All

Qualification/acceptance signatures

Manufacturer:	***Prepared by/Date:***	***Checked by/Date:***
IMO ODOBEZ ***Industria Metallurgica ODOBEZ s.r.l. Pasturo – LC – Italy***	IMO ODOBEZ Denis De Martini ***Denis De Martini Technical Dept.*** ***18/07/2024***	***Giovanni Odobez Managing Director*** ***18/07/2024***

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:***
DNV Veritasveien 1 1363 Høvik, Norway	DNV Digitally signed by Fredrik Rosenqvist Date: 2024.09.27 12:54:06 +02'00'

IMO ODOBEZ	**Qualification Test Record (QTR)** **NORSOK M-650**	*QTR. No.:* ***IMO 02-51*** *Rev. No.:* ***0***
Manufacturer name/address/ Web page:	***Industria Metallurgica ODOBEZ s.r.l.*** *Via Degli Aceri, 17 – 23818 Pasturo (LC) – Italy* *http://www.odobez.com*	
Reference standard	NORSOK M-650, Edition 4	
Material designation and MDS No.:	**ASTM A182 F51 – UNS S31803 – MDS D44, Revision 6.**	
Manufacturing Summary doc. No.:	**FPB-02-51**	*Rev. No.:* ***1***
Products and manufacturing process(es):	***Forged Plates / Blocks*** *Production route No. FPB-02-51*	
Mandatory conditions and sub-contractors:	• Heat treatment by **BTT s.r.l.** Località Fornaci (BS) Italy: • Use of furnace Atlante 2 acc. to procedure Nr. P.37.E • Forgings shall be machined as close as possible to final shape prior to quality heat treatment.	
Other information:	• Tests performed by **S.M.T. s.r.l.** – Pozzo d'Adda (MI) – Italy. • Test location plan No. 346 Rev. 0 • S.M.T. Tests report: RP-127804 • Verification of H.T. Procedure performed on 13/10/2021 for Atlante 2	
Qualification expires:	***18th July 2029***	

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]***
Forged Plates / Blocks	RP-127804	430	430	813	All

Qualification/acceptance signatures

Manufacturer:	***Prepared by/Date:***	***Checked by/Date:***
IMO ODOBEZ ***Industria Metallurgica ODOBEZ s.r.l. Pasturo – LC – Italy***	IMO ODOBEZ Denis De Martini ***Denis De Martini Technical Dept.*** ***18/07/2024***	***Giovanni Odobez Managing Director*** ***18/07/2024***

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:***
DNV Veritasveien 1 1363 Høvik, Norway	DNV Digitally signed by Fredrik Rosenqvist Date: 2024.09.27 13:26:46 +02'00'

IMO ODOBEZ	**Qualification Test Record (QTR)** **NORSOK M-650**	*QTR. No.:* ***IMO 03-51*** *Rev. No.:* ***0***
Manufacturer name/address/ Web page:	***Industria Metallurgica ODOBEZ s.r.l.*** *Via Degli Aceri, 17 – 23818 Pasturo (LC) – Italy* *http://www.odobez.com*	
Reference standard	NORSOK M-650, Edition 4	
Material designation and MDS No.:	**ASTM A182 F51 – UNS S31803 – MDS D44, Revision 6.**	
Manufacturing Summary doc. No.:	**FRB-03-51**	*Rev. No.:* ***1***
Products and manufacturing process(es):	***Forged Rings / Bushes*** *Production route No. FRB-03-51*	
Mandatory conditions and sub-contractors:	• Heat treatment by **BTT s.r.l.** Località Fornaci (BS) Italy: • Use of furnace Atlante 2 acc. to procedure Nr. P.37.E • Forgings shall be machined as close as possible to final shape prior to quality heat treatment.	
Other information:	• Tests performed by **S.M.T. s.r.l.** – Pozzo d'Adda (MI) – Italy. • Test location plan No. 347 Rev. 0. • S.M.T. Tests report: RP-128238 • Verification of H.T. Procedure performed on 13/10/2021 for Atlante 2	
Qualification expires:	***30th July 2029***	

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]***
Forged Rings / Bushes	RP-128238	300	300	1015	All

Qualification/acceptance signatures

Manufacturer:	***Prepared by/Date:***	***Checked by/Date:***
IMO ODOBEZ ***Industria Metallurgica ODOBEZ s.r.l. Pasturo – LC – Italy***	IMO ODOBEZ Denis De Martini ***Denis De Martini Technical Dept.*** ***30/07/2024***	***Giovanni Odobez Managing Director*** ***30/07/2024***

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:***
DNV Veritasveien 1 1363 Høvik, Norway	DNV Digitally signed by Fredrik Rosenqvist Date: 2024.09.27 13:54:18 +02'00'

IMO ODOBEZ	**Qualification Test Record (QTR)** **NORSOK M-650**	*QTR. No.:* ***IMO 06-51*** *Rev. No.:* ***3***
Manufacturer name/address/ Web page:	***Industria Metallurgica ODOBEZ s.r.l.*** *Via Degli Aceri, 17 – 23818 Pasturo (LC) – Italy* *http://www.odobez.com*	
Reference standard	NORSOK M-650, Edition 4	
Material designation and MDS No.:	**ASTM A182 F51 – UNS S31803 - MDS D44, Revision 6.**	
Manufacturing Summary doc. No.:	**FRO-02-51**	*Rev. No.:* ***5***
Products and manufacturing process(es):	***Forged Rounds*** *Production route No. FRO-02-51*	
Mandatory conditions and sub-contractors:	• Heat treatment by **BTT s.r.l.** Località Fornaci (BS) Italy: • Use of furnace Mizar No. 4 acc. to procedure Nr. IO66P7.5.1-02. • Use of furnace Atlante 2 acc. to procedure Nr. P.37.D • Forgings shall be machined as close as possible to final shape prior to quality heat treatment.	
Other information:	• Tests performed by **S.M.T. s.r.l.** Laboratory – Pozzo d'Adda (MI). • Test location plan No. 243. • S.M.T. Tests report: RP-91133. • Verification of H.T. Procedure performed on 02/10/2018 for Mizar No. 4 on HOLD status until completed maintenance/upgrade[1)]. • Verification of H.T. Procedure performed on 13/10/2021 for Atlante 2	
Qualification expires:	***24th May 2027***	

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]***
Forged Rounds	RP-91133	305	305	385	All

Qualification/acceptance signatures

Manufacturer:	***Prepared by/Date:***	***Checked by/Date:***
IMO ODOBEZ ***Industria Metallurgica ODOBEZ s.r.l. Pasturo – LC – Italy***	IMO ODOBEZ Denis De Martini ***Denis De Martini*** ***Quality Control Dept.*** ***24/05/2022***	***Giovanni Odobez*** ***Managing Director*** ***24/05/2022***

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:***
Vebjørn Andresen, Principal Engineer, M.Sc., IWE DNV, 1363 Høvik, Norway	DNV Digitally Signed By: Andresen, Vebjørn Location: DNV, Høvik, Norway Signing Date: 16.06.2022

1) The Mizar No. 4 furnace HOLD can be removed after DNV has witnessed that the furnace and handling equipment works properly.