IMO ODOBEZ	**Qualification Test Record (QTR)** **NORSOK M-650**	*QTR. No.:* ***IMO 01-55*** *Rev. No.:* ***2***
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 F55 – UNS S32760 - MDS D54, Revision 6.**	
Manufacturing Summary doc. No.:	**FD-01-55**	*Rev. No.:* ***2***
Products and manufacturing process(es):	***Forged Discs*** *Production route No. FD-01-55*	
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.** – Pozzo d'Adda (MI) – Italy. • Test location plan No. 249. • S.M.T. Tests report: RP-92757. • Verification of H.T. Procedure performed on 18/12/2018 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 Discs	RP-92757	200	200	255	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 – SAFEGUARDING LIFE, PROPERTY AND THE ENVIRONMENT Digitally Signed By: Andresen, Vebjørn Location: DNV, Høvik, Norway Signing Date: 16.06.2022

1) The Mizar 4 furnace HOLD can be removed after DNV has witnessed that the furnace and handling equipment works properly.

IMO ODOBEZ	**Qualification Test Record (QTR)** **NORSOK M-650**	*QTR. No.:* ***IMO 02-55*** *Rev. No.:* ***2***

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 F55 – UNS S32760 - MDS D54, Revision 6.**	
Manufacturing Summary doc. No.:	**FRB-01-55**	*Rev. No.:* ***2***
Products and manufacturing process(es):	***Forged Rings / Bushes*** *Production route No. FRB-01-55*	
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.** – Pozzo d'Adda (MI) – Italy. • Test location plan No. 250. • S.M.T. Tests report: RP-92759. • Verification of H.T. Procedure performed on 18/12/2018 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 Rings / Bushes	RP-92759	150	150	510	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***

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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 4 furnace HOLD can be removed after DNV has witnessed that the furnace and handling equipment works properly.

IMO ODOBEZ	**Qualification Test Record (QTR)** **NORSOK M-650**	*QTR. No.:* ***IMO 03-55*** *Rev. No.:* ***2***
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 F55 – UNS S32760 - MDS D54, Revision 6.**	
Manufacturing Summary doc. No.:	**FRO-01-55**	*Rev. No.:* ***2***
Products and manufacturing process(es):	***Forged Rounds*** *Production route No. FRO-01-55*	
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.** – Pozzo d'Adda (MI) – Italy. • Test location plan No. 251. • S.M.T. Tests report: RP-92754. • Verification of H.T. Procedure performed on 18/12/2018 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-92754	165	165	83	166

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***

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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 – SAFEGUARDING LIFE, PROPERTY AND THE ENVIRONMENT Digitally Signed By: Andresen, Vebjørn Location: DNV, Høvik, Norway Signing Date: 16.06.2022

1) The Mizar 4 furnace HOLD can be removed after DNV has witnessed that the furnace and handling equipment works properly.

IMO ODOBEZ	**Qualification Test Record (QTR)** **NORSOK M-650**	*QTR. No.:* ***IMO 04-55*** *Rev. No.:* ***2***

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 F55 – UNS S32760 - MDS D54, Revision 6.**	
Manufacturing Summary doc. No.:	**FPB-01-55**	*Rev. No.:* ***2***
Products and manufacturing process(es):	***Forged Plates / Blocks*** *Production route No. FPB-01-55*	
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.** – Pozzo d'Adda (MI) – Italy. • Test location plan No. 252. • S.M.T. Tests report: RP-92755. • Verification of H.T. Procedure performed on 18/12/2018 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 Plates / Blocks	RP-92755	200	200	260	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***

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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 4 furnace HOLD can be removed after DNV has witnessed that the furnace and handling equipment works properly.