








Qualification Test Record (QTR) NORSOK M-650		QTR. No.: 3/2014 Rev. No.:1			
Manufacturer name/address/ Web page:	BAIKOR WORLDWIDE S.L. Pol industrial Utzuar 31839 Arbizu , Navarra Spain www.baikorworldwide.com				
Reference standard	NORSOK M-630, Edition 6 NORSOK M -650 Edition 4				
Material designation and MDS No.:	ASTM A995 Gr4A; MDS D46 Revision 5.				
Manufacturing Summary doc. No.:	PRNOR-03-2 MANUFACTURING SUMMARY Gr 4A	Rev. No.:1			
Products and manufacturing process(es):	Centrifugally cast balls, stem balls, rings and bars Production route as specified on manufacturing summary PRNOR-03				
Mandatory conditions and sub-contractors:	<ul style="list-style-type: none"> • Heat treatment by. IATT , Vitoria • Components shall be machined as close as possible to final shape prior to quality heat treatment • All production testing by Azterlan, Durango 				
Other information:	<ul style="list-style-type: none"> • Components will be delivered without pickling 				
Qualification expires:	AUGUST 2024				
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
Balls			250 mm		3500
Stem balls		250 mm	250 mm	4500	4500
Tubes			300 mm		4500
Bars		300 mm	300mm	300	300
Qualification/acceptance signatures					
Manufacturer:	<i>Prepared by/Date:</i> Santos Pineda 19-08-2019	<i>Checked by/Date:</i> BAIKOR WORLDWIDE S.L. C.I.F. B-31825821 19-08-2019			
<p>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.</p> <p><i>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.</i></p>					
Qualified/Accepted by			Signature/Date: 22/8/2019		
 Aker Solutions Fornebu, Norway NO 929 877 950 VAT					

Qualification Test Record (QTR) NORSOK M-650		QTR. No.: 04/2014			
		Rev. No.:1			
Manufacturer name/address/ Web page:	BAIKOR WORLDWIDE S.L. Pol industrial Utzubar 31839 Arbizu , Navarra Spain www.baikorworldwide.com				
Reference standard	NORSOK M-630, Edition 6 NORSOK M -650 Edition 4				
Material designation and MDS No.:	ASTM A995 Gr6A; MDS D56 Revision 5.				
Manufacturing Summary doc. No.:	PRNOR-04-2 MANUFACTURING SUMMARY Gr 6A	Rev. No.:1			
Products and manufacturing process(es):	Centrifugally cast balls, stem balls, rings and bars Production route as specified on manufacturing summary PRNOR-04				
Mandatory conditions and sub-contractors:	<ul style="list-style-type: none"> • Heat treatment by: IATT , Vitoria • Components shall be machined as close as possible to final shape prior to quality heat treatment. • All production testing by Azterlan, Durango 				
Other information:	<ul style="list-style-type: none"> • Components will be delivered without pickling 				
Qualification expires:	AUGUST 2024				
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
Balls			250 mm		3500
Stem balls		250 mm	250 mm	4500	4500
Tubes			300 mm		4500
Bars		300 mm	300mm	300	300
Qualification/acceptance signatures					
Manufacturer:	Prepared by/Date: SANTOS FERRER 19-08-2019	Checked by/Date: BAIKOR WORLDWIDE S.L. 19-08-2019 C.I.F. B-31825821			
<p>The manufacturer and this QTR are evaluated and accepted to be in compliance with the requirements of NORSOK M-650 for supply of the above listed products and materials</p> <p><i>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.</i></p>					
Qualified/Accepted by			Signature/Date:		
 AkerSolutions Fornebu, Norway NO 929 877 950 VAT			22/8/2019 		

Qualification Test Record (QTR) NORSOK M-650		QTR. No.: 5/2014			
		Rev. No.:1			
Manufacturer name/address/ Web page:	BAIKOR WORLDWIDE S.L. Pol industrial Utzuar 31839 Arbizu , Navarra Spain www.baikorworldwide.com				
Reference standard	NORSOK M-630, Edition 6 NORSOK M -650 Edition 4				
Material designation and MDS No.:	ASTM A351 CK3MCuN; MDS R16 Revision 5.				
Manufacturing Summary doc. No.:	PRNOR-05-2 MANUFACTURING SUMMARY CK3MCuN	Rev. No.:1			
Products and manufacturing process(es):	Centrifugally cast balls, stem balls, rings and bars Production route as specified on manufacturing summary PRNOR-05				
Mandatory conditions and sub-contractors:	<ul style="list-style-type: none"> • Heat treatment by: IATT , Vitoria • Components shall be machined as close as possible to final shape prior to quality heat treatment • All production testing by Azterian, Durango 				
Other information:	<ul style="list-style-type: none"> • Components will be delivered without pickling 				
Qualification expires:	AUGUST 2024				
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
Balls			250 mm		3500
Stem balls		250 mm	250 mm	4500	4500
Tubes			300 mm		4500
Bars		300 mm	300mm	300	300
Qualification/acceptance signatures					
Manufacturer:	Prepared by/Date: SANTOS PINEDO 19-08-2019	Checked by/Date: BAIKOR WORLDWIDE S.L. C.I.F. B-31825821 19-08-2019			
<p>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</p> <p><i>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.</i></p>					
Qualified/Accepted by  AkerSolutions Fornebu, Norway NO 929 877 950 VAT			Signature/Date: 22/8/2019 		

Qualification Test Record (QTR) NORSOK M-650		QTR. No.: 2/2014			
		Rev. No.:1			
Manufacturer name/address/ Web page:	BAIKOR WORLDWIDE S.L. Pol industrial Utzubar 31839 Arbizu , Navarra Spain www.baikorworldwide.com				
Reference standard	NORSOK M-630, Edition 6 NORSOK M -650 Edition 4				
Material designation and MDS No.:	ASTM A995 Gr5A; MDS D56 Revision 5.				
Manufacturing Summary doc. No.:	PRNOR-02-2 MANUFACTURING SUMMARY Gr 5A	Rev. No.:6			
Products and manufacturing process(es):	Centrifugally cast balls, stem balls, rings and bars Production route as specified on manufacturing summary PRNOR-02				
Mandatory conditions and sub-contractors:	<ul style="list-style-type: none"> Heat treatment by: IATT , Vitoria Components shall be machined as close as possible to final shape prior to quality heat treatment All production testing by Azterlan.Durango 				
Other information:	<ul style="list-style-type: none"> Components will be delivered without pickling 				
Qualification expires:	AUGUST 2024				
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
Balls			250 mm		3500
Stem balls		250 mm	250 mm	4500	4500
Tubes			300 mm		4500
Bars		300 mm	300mm	300	300
Qualification/acceptance signatures					
Manufacturer:	Prepared by: Santos Pinedo 19-08-2019 Checked by: Inigo Goni BAIKOR WORLDWIDE S.L. C.I.F. B-31825821				
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			Signature/Date: 22/8/2019		
 Aker Solutions Fornebu, Norway NO 929 877 950 VAT			