



UZTEL S.A.
OILFIELD EQUIPMENT MANUFACTURING AND REPAIRS

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FISCAL CODE 1352846, R.C. PLOIEȘTI NO. J29/48/1991 web site: www.uztel.ro

IN REORGANIZARE JUDICIARA

IN JUDICIAL REORGANISATION

EN REDRESSEMENT

CERTIFICATE OF CONFORMITY AND GUARANTEE

No. 846 DATE February 20, 2015

S.C. UZTEL S.A., Ploiești-Romania, certifies that the product :

REPAIRED	Quantity	Serial No.
1. 13 5/8" x 700 bar (10000 PSI) Cameron Single Ram BOP type U	1 pc.	A 789

(name, type, model, charge or serial no.)

manufactured under contract (order) no. M 2498 date 25.11.2015, buyer: *ABB BUSINESS CONCEPT LUGOJ* is in accordance with the contractual technical specifications, and the followings standards, norms :

API 16A, 3rd Edition, June 2004

(name and / or no. and issuing date of standards or other documents)

The products meet the following requirements :

This is to certify that the above equipment(s) has been Repaired / Remanufactured to meet the requirements of API and /or UZTEL specifications (where applicable) and with your order requirements

Manufacturing date: February 23, 2015

This certificate guarantees quantity, quality and proper operation of the above products.

Guarantee period :

* from the commissioning date max. month

* from the delivery date, no more than max. month

Dipl. Eng. Serban Gruescu
Management Representative

Dipl. Eng. Cristina Bobescu
Head of QM Department

WARRANTY

1. All UZTEL's (the Seller) products are guaranteed against defects of material and markmanship .
2. The warranty is granted for the specified period of time , but no more than maximum 18 months from the delivery date or 12 months from putting into service. This warranty is expressly in lieu of all other warranties , express or implied , under contract or otherwise. Additional warranties are granted only by written decision of UZTEL's top management.
In case the equipment (product) contains items having smaller service life or a useful life cannot be expressly guaranteed (wear parts, greasing materials, lubricators, etc.), the warranty doesn't cover the replacement (supply) of these items unless the Buyer wants to order them separately or has a servicing contract for this kind of items
3. The warranty is granted only for those products/services for which the contractual established conditions have been observed and/or for the specified requirements in applicable documents (maintenance and repair instructions, technical books , user manuals , specifications, norms etc.)
The Buyer must give proof (document) that the products and equipment have been used under proper conditions , the same they have been designed and manufactured for, and that there is no infringement by:
 - use to other working parameters than specified and guaranteed (pressure, temperature, flow, speed, working fluid, voltage, etc.);
 - improper or handling, mounting or operating ;
 - improper transport , storage or stockade ;
 - exposable to chemical agents or working fluids, others than those for which the equipment was intended for ;
 - exposable to light and temperature in excess ;
 - improper maintenance.
4. Warranty is not granted to those products submitted to changes without the Seller's written approval.
Changes means any interventions to products or equipment, such as :
 - compounds replacement, matching, protective coating, welding, grinding, heat treatment, painting, etc.
5. Warranty is granted only to the original Buyer and it's valid for the zone and contractual conditions stipulated for the products delivery.
6. The Seller's liability shall be limited to repairing , replacement , remanufacturing or discounting of supplied products and services and it doesn't cover other prejudices caused, deducted or implied ,such as:
 - expenses for transportation interruption ;
 - penalties for delay in delivery or putting into service ;
 - examinations, analysis without the seller's written acceptance.
Warranty is limited to those expenses related to repairing or replacement by a similar product and to the product transportation from and to the original Buyer and the original buying zone.
7. No product or equipment returned to the manufacturer shall be accepted to be paid (discounted) without the previous written approval of the Seller.
8. The Seller shall not be liable to the Buyer for any loss or damage suffered by the Buyer or for any delay in delivery as a result of force major situations such as : natural disasters, flood, earthquake, fire, wars, embargo, government local restriction expropriation, interruptions of transportation, power failure, accidents, explosions,etc.
9. UZTEL's warranty for compounds manufactured by suppliers is limited to sub-suppliers' warranty the responsibility for these items guarantee being transferable .
10. If a default occurs ,during the warranty period ,the original Buyer must inform by phone UZTEL's Management / Technical Quality Control Compartment / Quality Assurance Compartment within 48 hours , and then notify in written within 7 working days , the following data:
 - technical data of the damaged compound;
 - identification data of the product (order, serial number, date of manufacture, no of quality certificate);
 - location (address) where product is damaged equipment;
 - the Buyer's contact representative;
 - probable cause of default.



CTC DEPARMENT

PRESSURE TEST CERTIFICATE

No.

270

Date:

18.02.2015

Page.1 of 1

Buyer:

ABB BUSINESS CONCEPT LUGOJ

Contract no.:

M 2497/25.11.2014

PRODUCT	STANDARD	SERIAL NUMBER	Pcs. [set]
SINGLE HORIZONTAL PREVENTER 13 5/8-10M, CAMERON TYPE	API 16A TP 030	A 789	1

COMPONENT	TEST	TEST PARAMETERS MINIMUM				TEST RESULTS	
		PRESSURE [bar]		DURATION, [minutes]			
		Prescribed	Performed	Prescribed	Performed		
Preventer body	Hydrostatic test	-	-	-	-	No visible leakage under test pressure, during each holding period.	
		-	-	-	-		
Action body	Hydrostatic test	-	-	-	-	No visible leakage under test pressure, during each holding period.	
		-	-	-	-		
Preventer Dimension ram (in): BLIND RAM	Hydrostatic Test seal rams * Action Pressure	-	-	-	-	No visible leakage under test pressure, during each holding period.	
		-	-	-	-		
Preventer Dimension pipe rams (in): 4"to 7"	Hydrostatic Test seal rams Drift Mandrel 5"	14-21	19	10	10	No visible leakage under test pressure, during each holding period.	
		689	712	10	10		
	*Action Pressure	*103÷114	106				

Pressure Test Method : according to API 16A and TP-030

Testing fluid : water

Action Testing fluid : oil

TEST RESULTS :

 ADMITTED REJECT

Test reports and certificates checks:

CTC INSPECTOR - Name / signature	OPERATOR - Name / signature
Eng Georgescu Narcize 	Georgescu Marian



SC UZTEL SA PLOIESTI ROMANIA

UZTEL PRESSURE TEST - CERTIFICATE APPENDIX

Type of:
Serial no: SR A789 SUP PROBAT DORN 5"

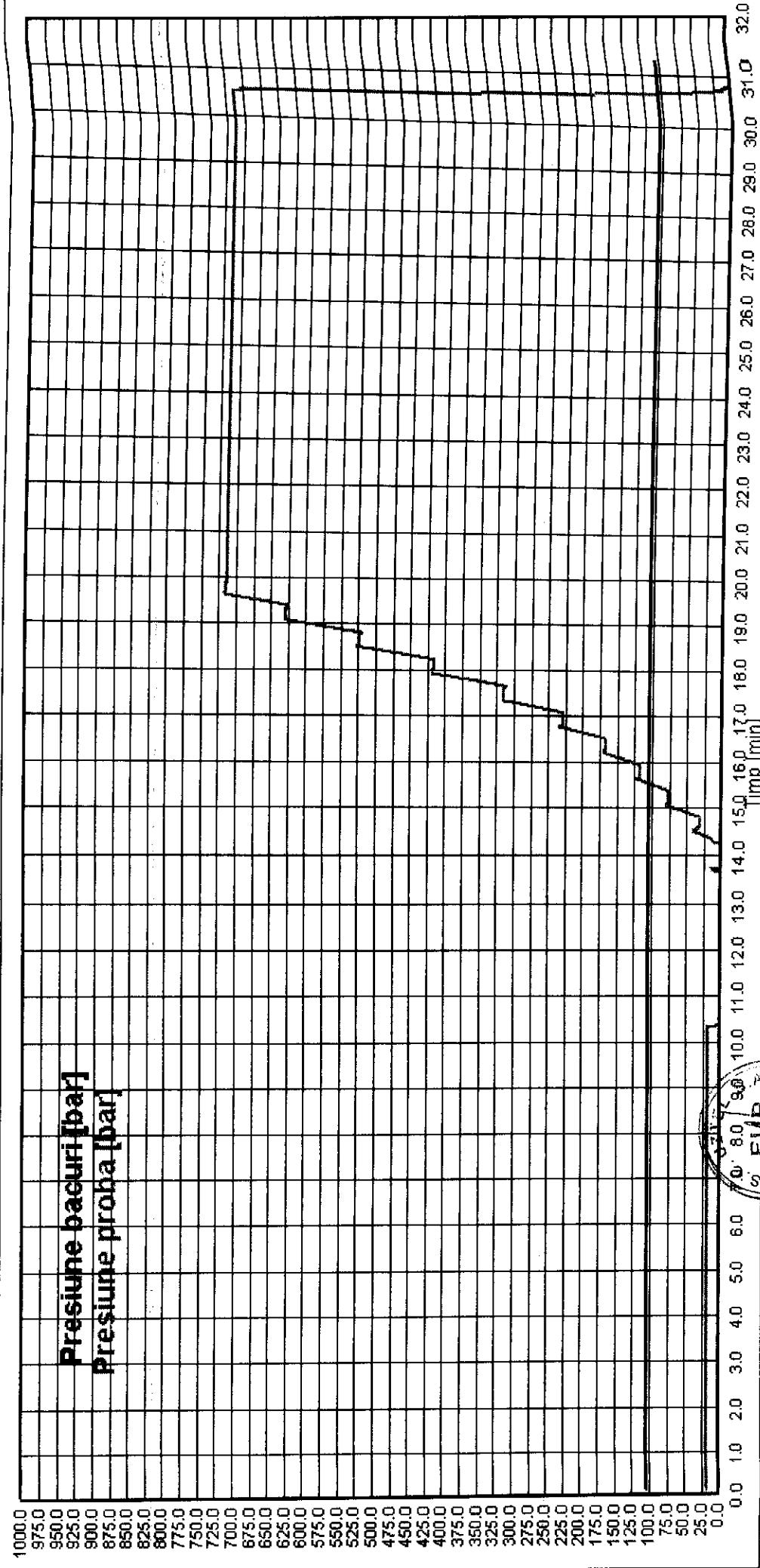
Pressure test method:

Pressure diagram for: SR A789 SUP PROBAT DORN 5" start time on 18.02.2015 at 13:12 for: 0 hours 31.0 min 14.4 sec

RESULT

ACCEPTED

REJECTED



Inspector AQ:

Nistor Stefan *

GEORGESCU M *

Operator:

4"-7"

NOTE:

PREV SINGLE SF 13 5/8X10M - ETANSARE BAC VARIABIL



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HARDNESS SURVEY

Customer : *: ABB BUSINESS CONCEPT LUGOJ*

PO number: *M 2497/25.11.2014*

Serial number: *A 789*

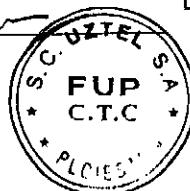
Description: *SINGLE HORIZONTAL PREVENTER 13 5/8-10M, CAMERON TYPE*

Quantity: *1 piece*

Location	Brinell Hardness [HB]	Accept	Reject
BODY			
Top Flange	NA		
Top Flange Weld	NA		
Bottom Flange Bx 159	209	Yes	
Bottom Flange Weld	NA		
BONNET			
Top Flange	NA		
Top Flange Weld	NA		
Bottom Flange R 74	NA		
Bottom Flange R 74 Weld	NA		
PISTON			
External Diameter	NA		
External Diameter Weld	NA		
Bottom Flange	NA		
Bottom Flange Weld	NA		
Inspector Remarks :			

Inspected by: Urse Vasile

Date tested: 16.02.2015



OBSERVATION SHEET FOR REPAIRING NO.

SINGLE HORIZONTAL PREVENTER 13 5/8-10M, CAMERON TYPE

CUSTOMER – ABB BUSINESS CONCEPT SRL LUGOJ

SERIAL NUMBER - A789 SUP.

Item	Detail	Dimensional Control		NDE Control	Repaired / Refurbished		Remark
		Measured Values (mm)	Accepted		Rejected	Welded	
1	BOBY	Φ348	X				
		191,06 X391	X				
		BX 159					
2	CYLINDER	I					
		II Laterally	BX 155		X		
		III Laterally	BX 152		X		
3	COVER AT SLEEVE	Φ279,45	X				
		11X11X1170	X				
		3 ¾ - 8 UN	X				
4	SPECIAL BOLT						

Technologist

Name / Signature : ing. Boicu Dumitru

Quality Control

Name / Signature

Name / Signatur: Tartacuta Marcel



M.T. Examination Report
No. 614 Date 16.02.2015

Product	13 5/8" x 10M Cameron Single Ram BOP type U	Pcs.	1
Item	CORP/BODY	Drawing	-
Purchaser	ABB BUSINESS CONCEPT LUGOJ	Part Number	-
PO.	M 2498/25.11.2014	Material	-

Testing and Reference Procedure: *ASTM E 709; TC-003/B and API 16A*

MAGNETIZATION METHOD	<input type="checkbox"/> PRODUCT	<input checked="" type="checkbox"/> YOKE	<input type="checkbox"/> COIL	<input type="checkbox"/> CENTRAL CONDUCTOR
	Current Intensity Magnetic Flux Distance Equipment No	Current. AC Magnetic Flux.- Distance. 200 mm Equipment No. 6245 B 100	Current. Intensity. Turns. Magnetic Flux. min. Equipment No.	Current. Intensity. Magnetic Flux. min. Equipment No.

INSPECTION METHOD : <i>ASTM E 709 , TC-003/B</i>	<input checked="" type="checkbox"/> WET	<input checked="" type="checkbox"/> FLUORESCENT
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POWDER. MR 76 F Sr.No.B:76F/106 1A	SUSPENSION IN : <input checked="" type="checkbox"/> OIL	<input type="checkbox"/> WATER
	TRADE MARK: MR CHEMIE-GMBH	

BLACK LIGHT INTENSITY: 27300 $\mu\text{W}/\text{cm}^2$	Type :Uv Spot - No. 4919
CLEANING METHOD: Diluent: Sr.No.B:85/1028A	

DEMAGNETIZATION: N/A	EXAMINATION WAS MADE <i>BEFORE / AFTER</i> HEAT TREATMENT
EXAMINATION WAS	<input type="checkbox"/> Proof machined <input type="checkbox"/> Semi finished <input checked="" type="checkbox"/> Fully machined

SKETCH OF WORK PIECE	HEAT No.	SERIAL No.
	=	A 789

CONTROLAT CANALE ETANSARE

Recordable Indications :			
<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes			
Results: <input checked="" type="checkbox"/> Accepted/ According to TC-003/B and API 16A			
Q.C.Examiner/Examinator Level/Nivel -II Checked By/Sef Laborator Level/Nivel -II	Name	<input type="checkbox"/> Rejection	Signature
	Crisu Corneliu	<i>Eugen Dumitru Victor Gheorghe</i>	
	Ing.Dumitru Victor		

Certificate of Progress and Completion of Painting

Work Order No.: 27988 R1
 Buyer : ABB BUSINESS CONCEPT LUGOJ
 Coating System: PL-7.5.05.1 rev.0 and AP-025 rev.A
 Equipment Description: 13 5/8" x 700 bar (10000 PSI) Cameron Single Ram BOP type U - repaired

Serial No: A 789

Surface preparation

Date:	13.02.2015	Start Time	10:00
Stop Time	10:24		
Sa 2,5	V		
Average			
Shot	50		
	✓		

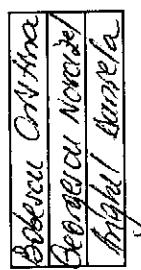
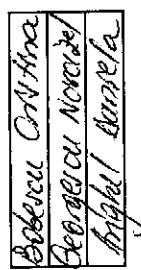
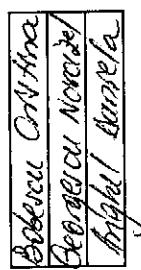
Blast Specification
 Anchor Profile (µm)
 Type of abrasive

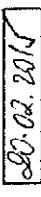
13.02.2015
 Date:


 Inspector Signature

Coat	Coating applied	Colour	Batch Number	Monitoring			
				Ambient temp, °C	Substrate temp, °C	Relative Humidity, %	Dew point, °C
1st	16441 UniBar ZF Universal	Grey	A: 16441-7040- 201410130042 B: 201412160077	19	52	12	13.02.2015
2nd	Barline Coatings Semigloss E541	Red (RAL 3020)	10443-30302 201410130031	22	49	13	19.02.2015

We hereby certify, that the above works have been completed and are accepted.

Chief of HSEQ Management Dept 
 Inspector name: 
 Inspector name: 

Date 



Signature

S.C. UZTEL S.A. Ploiești	TECHNICAL FILE CAMERON RAM BLOWOUT PREVENTER 13 5/8" x 10000 psi	Pag.1 Content pag. 11 Reparation N°. :
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**S.C. „UZTEL” – S.A.
PLOIESTI**

**PASSPORT
for**

CAMERON RAM BLOWOUT PREVENTER 13 5/8" x 10000 psi

Reparation N° : A 789 SUP

S.C. UZTEL S.A. Ploiești	TECHNICAL FILE	Pag.2
	CAMERON RAM BLOWOUT PREVENTER	Content pag. 11
	13 5/8" x 10000 psi	Reparation N°:

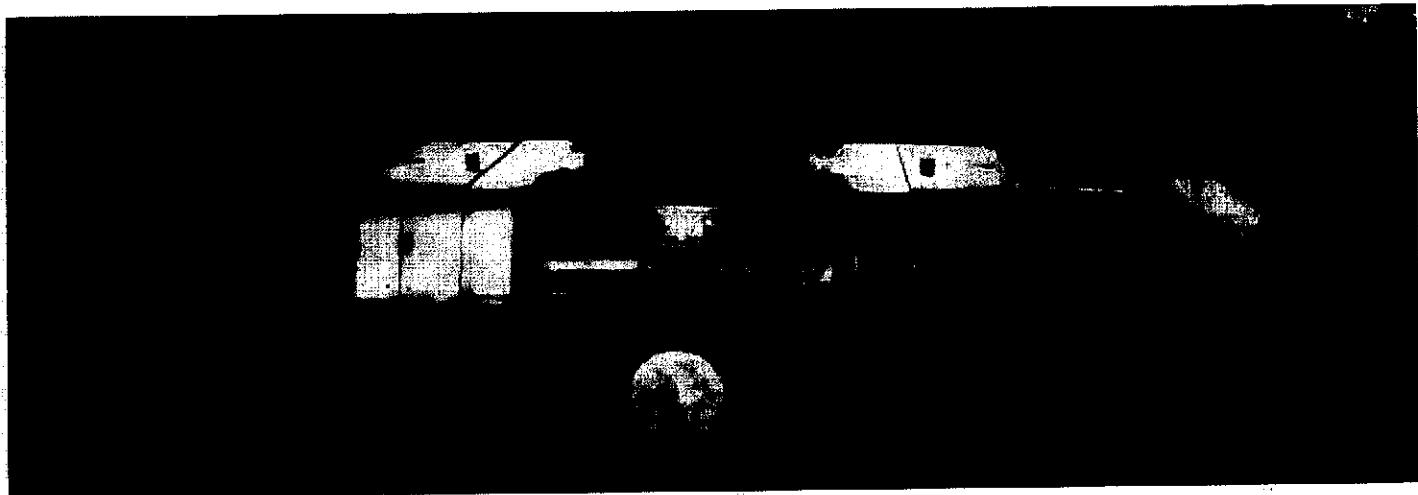
General data			
Repaired in accordance with API	Type: CAMERON RAM BLOWOUT PREVENTER 13 5/8" x 10000 psi	Commanded by ABB BUSINESS CONCEPT LUGOJ With indent N°. M 2497/25.11.2014.....	
	STAS		
<i>Unit testing data</i> 18.02.2015		<i>Reception document data</i> <i>and N°</i> 270/18.02.2015....	

MENTIONS

Starting, mounting and maintenance while be make in accordance with Technical Book

S.C. UZTEL S.A. Ploieşti	TECHNICAL FILE	Pag.3
	CAMERON RAM BLOWOUT PREVENTER 13 5/8" x 10000 psi	Content pag. 11 Reparation N°:

Main technical features			
Unit destination:	The hydraulic horizontal double ram blowout preventer are wellhead equipments designed to close the well and prevent free blowouts		
1. Symbol	13 5/8 x 10000 psi		
2. Typ	Plate, horizontal, double, hydraulic acting		
3. Bore size	13 5/8" (346mm)		
4. Working pressure	10000 psi		
5. Service	" MARINE MEDIUM "		
6. Ring groove (top)	BX-156 SS		
7. Ring groove (bottom)	BX-156 SS		
8. Ring groove (side outlet)	BX-152 SS		
9. Size of side outlet	BX-155 SS		
10. Raportul de închidere / On ratio	2 1/16" x 10000 psi		
11. Raportul de închidere / Off ratio	4 1/16" x 10000 psi		
12. Liquid volume for hydraulic acting one par rams	11.7:1		
13. Liquid volume for hydraulic acting one par rams	3.8:1		
14. Liquid volume for hydraulic acting one par rams	5.8 / 5.5 gal.		
15. Liquid volume for hydraulic acting one par rams	18		
OVERALL DIMENSIONS			
Length	Width	Height	Weight
172.55 in	30.250 in	41.688 in	10300 lbs



S.C. UZTEL S.A. Ploiești	TECHNICAL FILE CAMERON RAM BLOWOUT PREVENTER 13 5/8" x 10000 psi	Pag.4
		Content pag. 11 Reparation N°: :

Testing and mounted unit data	
Mounted data	The unit is assembled in according with Manufactured Drawing
Unit Test (test type, time, loading, bearings temperature etc.)	<ul style="list-style-type: none"> - Test is in according with requests of API 16A and TP-030. - Without exceeding the maximum working pressure.
Control department conclusions (assembling and testing)	<ul style="list-style-type: none"> - Assembly and tests are in accordance with the project and technical requirements of S-TH-001
Label (type and size of the marking)	<ul style="list-style-type: none"> - Repaired number is marked on the label

S.C. UZTEL S.A. Ploiești	TECHNICAL FILE CAMERON RAM BLOWOUT PREVENTER 13 5/8" x 10000 psi	Pag.5 Content pag. 11 Reparation N°:
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Exploitation data		
Accomplished work		
Remarks		
Maxim Support Loading		
Drilling meter		
Drilled Worked	Until depth	
	At depth	
Date	Function out	
	At depth	
Derrick		
Derrick N°		
Remarks: if local situation needs supplementary files will be completed		

S.C. UZTEL S.A. Ploiești	TECHNICAL FILE CAMERON RAM BLOWOUT PREVENTER 13 5/8" x 10000 psi	Pag.6 Content pag. 11 Reparation N°:
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Exploitation data	
II. Repairs and partial replacements	
Mentions	
Replaced pieces	
Reparation type, cause of the replacement	
Repair plant	
Date	
Mentions: if local situation needs supplementary files will be completed	

S.C. UZTEL S.A. Ploieşti	TECHNICAL FILE	Pag.7
	CAMERON RAM BLOWOUT PREVENTER 13 5/8" x 10000 psi	Content pag. 11 Reparation N°: :

It is compulsory to complete the technical file and transmitted to the plant

S.C. UZTEL S.A. Ploiești	TECHNICAL FILE	Pag.9
	CAMERON RAM BLOWOUT PREVENTER	Content pag. 11
	13 5/8" x 10000 psi	Reparation N°:

Information's about unit requirement

1. In accordance with prescriptions, this file need completed and communicated to the plant after 6 months unit work

Type denomination and size	Beneficiary		Repair date	Repair N°
Mounted location	Start work date	Hour N° of work	Drill meter	Remarks

2. Revision and periodical repair results

3. Unit damages in drilling time

S.C. UZTEL S.A. Ploiești	TECHNICAL FILE	Pag.10
	CAMERON RAM BLOWOUT PREVENTER 13 5/8" x 10000 psi	Content pag. 11 Reparation N°: :

4. Unit behaviour remarks (must be indicated: if unit it is capable for work, if it is complied with projected productivity). The unit compare with are similar unit and specify functions behaviour.

5. Customer desires (about construction, quality, productivity etc.)

Date

Chief e

Signature,

Name,