Report about an

Unexpected Visit
Based on the requirements of the
QA-Modules acc. to PED



Dok.: Rev. 04, 19.07.16

Company:	Advanced Thermal Systems Inc.
Manufacturing Site:	15 Enterprise Dr. Lancaster, NY 14086 USA
Inspection Directive:	PED 2014/68/EU, Module ⊠ A2, □ D1, □ E, □ E1, □ H, □ H1
Date of Contract for Certificate Award:	April 30, 2020
Number and Date of the Certificate:	USA-20-05-183-001
Scope of the Certificate:	ATS "S2" Series Thermal Ball Joints (Single and Double)
Number of Unexpected Visits per year:	2
Auditor resp. Inspector:	Bob Moir

Nr.	FF	PF	NF	NA				
1.	\boxtimes				The performance of manufacturing is based on the technical documents			
2.					There had been no changes concerning the validity of the EU-type examinations – production type			
3.	\boxtimes				The approvals of applied operating procedures continue to be valid			
4.	\boxtimes				The approvals for joining (welding) personnel continue to be valid			
5.				\boxtimes	NDT personnel approvals continue to be valid			
6.	\boxtimes				The qualification of other personnel continues to be valid			
7.					There have been no changes in application and using of production-methods and manufacture-equipment			
8.	\boxtimes				The appropriate methods to ensure traceability of materials are still applied			
9.					Without modification the described final inspections are carried out in accordance with Annex I, 3.2 of PED continue to be carried out without modifications			
10.	\boxtimes				Complying with the requirements the products' marking and labelling is done			
11.					Relevant installation and operating instructions continue to be issued unchanged and accompany every pressure equipment item			
2. To					sessment			
					ected Visit pressure equipment was inspected. orts were handed out to the manufacturer.			
	The	man	ufac	turer	was pledged to announce the beginning of manufacture in order to make possible sessment.	the		
Base num TÜV	ed or ber o SÜI	n the of 11 O Ind	Info 210 lustri	rmation press e Ser	expected Visit was performed on <u>December 07, 2022</u> on from the Manufacturer, there were produced since the former Unexpected Visit ure equipment items. vice GmbH ure Equipment 0036	the		
	tion	· Wa	kefie	ld M.	Enclosure: Supplement Sheet A, date: December 2022 Allocator: Manufacturer			

Thomas Huettner, US-IS-EAST

Bob Moir, US-IS-EAST

Notified Body

Inspecting laboratory of TÜV SÜD Industrie Service GmbH Notified Body for Pressure Equipment 0036



Assessment Report of:								
	acc. to annex I, 3.2 Directive 2014/68/EU (PED)							
Manuf	Manufacturer: Advanced Thermal S			der-number:	72184688			
Inc.			eport-number:	P-USA-22-12-183-001				
Pressu	-		M	anufacturing-site:	15 Enterprise Drive			
Equipr	nent:	Ball Joints			Lancas	ter, NY 14086 USA		
No. of	certificate:	USA-22-12-183-001	ls	Issued: February 3rd, 2023				
Insped	ction Directive	PED 2014/68/EU, Mode	ule ⊠ A2/□ 0	C2 / □ D/D1 / □ F /	□ G / □] H/H1, other:		
Techni	cal Specificatio	n:						
MarkinIndiYeaTypInte	g on:Nameplate cation for Ident ar of manufacture series or lot	tidentification: 2.5" S2-S Ball joint operations – s	urer: ATS nan					
Chaml	per-identification	n:	100903					
Max./n	nin. allowed pre	ssure (bar):	50 / 0					
		king temperature (°C):	400 / 20					
	e (Liter):	у эт грания с (- у г	DN50					
Fluid:	0 (2.10.).		Water					
The drawin these o	ermal Systems g- / document-r documents are pection / inspection labo	and Certification / , Inc. number or similar classification available. They are still the control of the control of the control of TÜV SÜD Industrations and approvals wo	ication: BJ-22- valid. ion / Final Ir	2127 espection in acc. w		·		
	NDT approvals and working approvals: docno.: The reports about the working approvals and NDT approvals are available. Performance of these approvals by the inspection laboratory: The results are in accordance with the technical specification:							
\square	Valid certificates of calibration figure out that calibrated test equipment is used							
	The material test certificates are available. They are in accordance with the technical specifications							
	The approvals of the required qualifications of the joining (welding) personnel and the NDT personnel							
	The approvals	and are still valid concerning the required	d qualifications of	of the working proce	dures ar	e available and		
	continue to be valid. Expert's survey and dimensional inspections were accomplished by random examinations as well as: Inspection of the main welding seams (longitudinal and circular seams, further seams). Surveying and dimensional inspections of significant structural parts by the manufacturer (casing, torispherical heads, further structural parts).							

Inspecting laboratory of TÜV SÜD Industrie Service GmbH Notified Body for Pressure Equipment 0036



The examinations had no objections.							
	tracophility:						
☐ Established procedures to assure the ☐ were spot-checked							
were checked during ful	rther examinations						
There were no objections.							
,							
Oh a sah an 'da sa'f a af'a	40000						
Chamber-identification:	100903	_					
Test Pressure (bar):	96.5		_				
Test Medium:	Water						
Result:							
The ☐ Partial Structural Inspection / ☑ Final I	nspection / and ⊠ the	e Pressure Test were	accomplished in				
accordance with the requirements of Directive	2014/68/EU (PED).		·				
The performance of the inspections and the ev	aluation of the result	s did not cause any n	on-conformances.				
Remarks:							
	an decaribed access	nant abject					
The inspection results are relating only to the inspection results.		-					
To copy this inspection report in extracts will permitted	 To copy this inspection report in extracts without the prior agreement of the Notified Body 0036 is not permitted 						
	ordance with annex I	, 3.2 of Directive 2014	4/68/EU (PED) was				
performed by the manufacturer in the prese	ence of a representati	ve of the inspection la	aboratory.				
Further advices:							
 The pressure equipment was inspecte (safety) accessories is still required 	d without its (safety)	accessories. Therefore	re the approval of the				
Before starting of operation, the pressure.	ure device is subject	to further examinatior	ns as well as periodic				
inspections in accordance with the rele	evant provisions of la	W					
TÜV SÜD Industrie Service GmbH							
Notified Body for Pressure Equipment 0036							
Location: Wakefield, MA date: December 7, 2	2022						
For the inspecting laboratory:	Regional ce	ertifier:					
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O indus	trie Sen Tha	mas Kutt	n				
S. I. M. J. HO IO ELOT	100						
Bob Moir, US-IS-EAST	Thomas Hu	uettner, US-IS-EAST					
	E E						
Enclosures:							
(Documents and records of material inspections, approvals of working procedures, assessment of safety accessories etc.:							
□ Copy of Declaration of Conformity by the management of the conformity by the conformity by the management of the conformity by							
□ Copy of operating instructions							
□ Copy of material certificates							



CERTIFICATE

Internal Production Control plus Supervised Pressure Equipment
Checks at Random Intervals (Module A2)
Acc. to Directive 2014/68/EU
Pressure Equipment Directive

Interne Fertigungskontrolle mit überwachten Druckgeräteprüfungen in Unregelmäßigen Abständen (Modul A2) nach Richtlinie 2014/68/EU

Certificate-No.: USA-22-12-183-001 Zertifikat-Nr.

For

Name and Address of the Manufacturer:

Name und Anschrift des Herstellers Advanced Thermal Systems, Inc.

15 Enterprise Drive Lancaster, NT 14086 U.S.A.

According to the audit results, the manufacturer is entitled to mark the pressure equipment produced within the range of this module.

C € 0036

Scope of approval:

Geltungsbereich

ATS "S2" Series Thermal Ball Joints (Single and Double)
Final Assessment Report #: P-USA-22-12-183-001

Abnahmeprüfbericht Nr

Manufacturing plant: Fertigungsstätte

Enterprise Drive Lancaster, NY 14086 U.S.A.

The certificate is valid until April 30, 2026

Denver, CO, February 3rd, 2023

TÜV SÜD Industrie Service GmbH

Thomas Huettner Notified Body No.: 0036

TÜV SÜD Industrie Service GmbH Westendstrasse 199 D-80686 München Test Laboratory for Pressure Equipment: Industry Service, TUV SÜD America, Inc. 401 Eggewater Place Wakefield, MA 01880

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