



IECEX Quality Assessment Report

QAR Free Reference No.: 4786828602

Certification Body: UL LLC



Applicant: Name: Adalet/Scott Fetzer Co.
Address: 4801 West 150th Street
Cleveland, OH 44135-3397 USA

Site(s) Audited: Same as Applicant
 Address(es):


Total Number of Employees: 218
Number of Employees Involved in the Production of Ex Products: 117

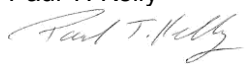
Product Type(s) Covered Under Scope: Enclosures, Operators, Indicators

Protection Method(s): d e i m n o p q t c* b* k*
 op s*
* ATEX only.

Scope of Audit: Initial Assessment Reassessment Surveillance Revision
Audit of Product Quality Plans and Quality System to the requirements of:
 ATEX Directive Annex IV Annex VI Annex VII
 EN ISO/IEC 80079-34:2011
 IECEx OD 005-1, Edition 1.0
 IECEx Conformity Mark License: IECEx OD 022, Version 1 & IECEx OD 023, Version 1
 INMETRO Portaria 179:2010
Other (specify)

Conclusions: PQAN/QAR/IECEX Conformity Mark License/INMETRO Audit Report to be issued/maintained; system in compliance (no findings).
 PQAN/QAR/IECEX Conformity Mark License/INMETRO Audit Report to be issued/maintained; satisfactory documentary evidence supporting effective corrective action has been provided to resolve all findings. Corrective action to be verified at next surveillance visit.
 PQAN/QAR/IECEX Conformity Mark License/INMETRO Audit Report to be maintained until follow-up visit to verify that corrective actions to address findings have been effectively documented and implemented.
 PQAN/QAR/IECEX Conformity Mark License/INMETRO Audit Report to be issued indicating that quality system no longer meets the requirements (this may require suspension or cancellation of any certificates).

Audit Team Leader: Signature: 
Date (YYYY-MM-DD): 2015-05-12

Certification Body Representative: Name: Paul T. Kelly
Signature: 
Date (YYYY-MM-DD): 2015-05-29



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Audit Information

Type of Audit: Type A Initial assessment/reassessment with a certified QS
 Type B Initial assessment/reassessment without a certified QS
 Type C Surveillance with a certified QS
 Type D Surveillance without a certified QS

QS Registration: ISO 9001 Registrar: UL DQS
 Registrar Accreditor: ANAB
 Registrar accredited by IAF Yes
 Member (Yes/No):
 Certificate No.: 10000735 QM08
 Expiration Date: 2015-09-24

N/A

Auditor(s): Team Leader: Erik J. Leider
 Other (Role): Justin Dickman (Technical Expert)

Audit Date(s): 2015-03-18
Next Audit Date(s) (YYYY-MM): 2016-09
Special focus on (if applicable): N/A

Reference Documents: <i>(include quality manual and other documents or procedures referenced during the audit)</i>	Audit Checklist:	No.:	00-EX-F0400	
	Quality Manual:	No. :	-	Revision: 8
	Control of Quality Records	No.:	QP-16-1	Revision: 1
	Changes to ATEX Drawings	No.:	WI-EN-10	Revision: 4
	Processing Procedure for ATEX / IECEX / INMETRO	No.:	WI-EN-19	Revision: -
	-	No.:	QR-10-19	Revision: 6



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ATEX: CoCs covered	No.:	Last revision (date):
	DEMKO 01 ATEX 0129472U	2012-05-31
	DEMKO 12 ATEX 1208439X	2015-03-02
	EPSILON 07 ATEX 2251U	2009-04-01
	EPSILON 07 ATEX 2196	2007-08-24
	DEMKO 12 ATEX 1104713X	2014-04-24
	DEMKO 07 ATEX 0603868U	2010-07-20
	DEMKO 07 ATEX 0612692X	2007-10-22
	DEMKO 09 ATEX 0816570X	2009-02-27
	DEMKO 03 ATEX 0303070U	2013-07-06
	DEMKO 07 ATEX 0618586U	2014-06-04
	DEMKO 03 ATEX 0316220U	2003-08-08
	DEMKO 07 ATEX 0622294U	2013-11-28
	DEMKO 09 ATEX 0815785U	2013-04-11
	DEMKO 12 ATEX 1115099U	2012-09-26
	DEMKO 12 ATEX 1114386U	2012-02-13
	DEMKO 12 ATEX 8346478X	2012-05-23
	DEMKO 12 ATEX 8487348U	2012-04-24
	DEMKO 01 ATEX 0112700U	2013-05-08
	DEMKO 13 ATEX 1209263X	2013-07-30
	DEMKO 01 ATEX 0113363U	2014-10-08
	DEMKO 01 ATEX 130438X	2015-03-02
	DEMKO 09 ATEX 147278U	2015-02-04
	DEMKO 09 ATEX 0803119X	2015-03-02
	DEMKO 01 ATEX 130437X	2013-10-17
	DEMKO 01 ATEX 130438X	2012-03-08
	DEMKO 09 ATEX 146637U	2014-12-30
	DEMKO 09 ATEX 0821714U	2014-04-16
	DEMKO 09 ATEX 146638U	2011-10-31
	DEMKO 11 ATEX 1005210U	2011-08-03
	DEMKO 03 ATEX 0247663U	2015-02-04
	DEMKO 12 ATEX 1207018U	2014-05-14
	DEMKO 01 ATEX 0129472U	2012-05-31
	EPSILON 07 ATEX 2196	2007-08-24
	DNV 10 ATEX 81266X	2010-09-06
	DEMKO 01 ATEX 130501	2001-08-21
	DEMKO 14 ATEX 1419	2015-02-10
	DEMKO 13 ATEX 1339157X	2013-12-06
	DEMKO 14 ATEX 1257634X	2015-03-04
	DEMKO 06 ATEX 0530154U	2006-02-03
	DEMKO 00E.0004127U	2000-04-26
	DEMKO 05 ATEX 0503980U	2005-11-16



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IECEX: CoCs covered	No.:	IECEX	Last revision (date):	
		IECEX UL 10.0046U	2012-05-31	
		IECEX UL 12.0038X	2015-02-25	
		IECEX UL 09.0031X	2014-04-18	
		IECEX ETL 13.0034U	2014-01-03	
		IECEX UL 08.0011U	2010-07-16	
		IECEX UL 08.0008X	2008-07-29	
		IECEX UL 08.0023X	2009-02-24	
		IECEX UL 13.0039U	2013-06-07	
		IECEX UL 08.0006U	2014-05-31	
		IECEX UL 08.0005U	2013-11-27	
		IECEX UL 08.0025U	2013-04-11	
		IECEX UL 12.0019U	2012-09-21	
		IECEX UL 11.0056U	2012-02-07	
		IECEX UL 12.0003X	2012-05-22	
		IECEX UL 12.0011U	2012-04-24	
		IECEX UL 10.0031U	2013-05-08	
		IECEX UL 09.0016X	2013-07-24	
		IECEX UL 10.0030U	2014-10-05	
		IECEX UL 09.0017X	2015-02-25	
		IECEX UL 09.0013U	2015-01-30	
		IECEX UL 08.0012X	2015-02-25	
		IECEX UL 09.0020X	2009-07-13	
		IECEX UL 09.0024X	2012-02-29	
		IECEX UL 09.0021X	2013-10-12	
		IECEX UL 09.0002U	2014-12-29	
		IECEX UL 09.0001U	2014-04-11	
		IECEX UL 09.0003U	2011-10-27	
		IECEX UL 11.0013U	2011-04-26	
		IECEX UL 11.0014U	2015-01-26	
		IECEX UL 12.0039U	2014-05-12	
		IECEX UL 09.0030U	2010-07-13	
		IECEX UL 10.0026X	2010-08-19	
		IECEX UL 14.0155X	2015-01-26	
		IECEX UL 13.0059X	2013-12-04	
		IECEX UL 14.0068X	2015-02-25	
INMETRO: CoCs covered	No.:	TBD	Last revision (date):	TBD

Nonconformities:
(as detailed in the attached Nonconformity (NCR) Report(s), when applicable)

- None
- Minor
- Major

NCR No(s): EJL1, EJL2, EJL3, EJL4
NCR No(s):

Observations:

- None
- Other:

No(s): OBS1 It could be clearer that the legal representative is committed to responding to requests from INMETRO within the terms defined by INMETRO.

OBS2 Tools used to locate the spot welded studs on the TSC enclosures are currently marked with either engraving or paint pen. A more durable marking could be considered, as the marking became difficult to read on some tools.



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Documentation Review and Assessment of Implementation:

Clause No.	Clause Description	Clause Assessed?			Comment Reference (C-1, C-2, etc.)	Nonconformity Information	
		Yes	No	N/A		NCR Reference (JM-1, JM-2, etc.)	Department / Area Audited, In Relation to NCR
4.1	General requirements	x					
4.2.1	Documentation requirements	x					
4.2.2	Quality manual	x					
4.2.3	Control of documents	x				EJL1	Engineering
4.2.4	Control of records	x					
5.1	Management commitment	x					
5.2	Customer focus	x					
5.3	Quality policy	x					
5.4.1	Quality objectives	x					
5.4.2	Quality management system planning	x					
5.5.1	Responsibility and authority	x					
5.5.2	Management representative	x					
5.5.3	Internal communication	x					
5.6.1	Management review - General	x					
5.6.2	Review input	x					
5.6.3	Review output	x					
6.1	Provision of resources	x					
6.2.1	Human resources - General	x					
6.2.2	Competence, awareness and training	x					
6.3	Infrastructure	x					
6.4	Work environment	x					
7.1	Planning of product realization	x					
7.2.1	Determination of requirements related to the product	x					
7.2.2	Review of requirements related to the product	x					
7.2.3	Customer communication	x					
7.3.7	Control of design and development changes	x					
7.4.1	Purchasing process	x					
7.4.2	Purchasing information	x					
7.4.3	Verification of purchased product	x					
7.5.1	Control of production and service provision	x					
7.5.2	Validation of processes for production and service provision	x					



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		Yes	No	N/A		NCR Reference (JM-1, JM-2, etc.)	Department / Area Audited, In Relation to NCR
7.5.3	Identification and traceability	X					
7.5.4	Customer property	X					
7.5.5	Preservation of product	X				EJL2 EJL3	Production Production
7.6	Control of monitoring and measuring devices	X				EJL4	Quality
8.1	Measurement, analysis and improvement - General	X					
8.2.1	Customer Satisfaction	X					
8.2.2	Internal audit	X					
8.2.3	Monitoring and measurement of processes	X					
8.2.4	Monitoring and measurement of product	X					
8.3	Control of nonconforming product	X					
8.4	Analysis of data	X					
8.5.1	Continual improvement	X					
8.5.2	Corrective action	X					
8.5.3	Preventive action	X					
A.2	Information relevant to particular types of protection - General	X					
A.3	Ex d - Flameproof enclosures	X					
A.4	Ex i - Intrinsic safety	X					
A.5	Ex e - Increased safety, Ex nA - Non sparking and Ex nR Restricted breathing	X					
A.6	Ex p - Pressurized apparatus			X			
A.7	Ex m - Encapsulation	X					
A.8	Ex o - Oil immersion			X			
A.9	Ex q - Powder filling			X			
A.10	Ex t – Dust ignition protection by enclosure	X					
A.11	Gas Detectors			X			
A.12	Flame Arresters			X			
A.13	Heat Tracing			X			
A.14	Nozzles			X			
A.15	Safe Breaks			X			
A.16	Shear Valves			X			
A.17	Swivels			X			
A.18	Submersible Pump Assemblies			X			



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		Yes	No	N/A		NCR Reference (JM-1, JM-2, etc.)	Department / Area Audited, In Relation to NCR
A.19*	Optical Radiation			X			
B	Verification criteria for sintered components	X					

*Optical radiation is not currently covered in EN ISO/IEC 80079-34:2011.

□

Portaria 179 Clause No.	Clause Description	Clause Assessed?			Comment Reference (C-1, C-2, etc.)	Nonconformity Information	
		Yes	No	N/A		NCR Reference (JM-1, JM-2, etc.)	Department / Area Audited, In Relation to NCR
7	Customer complaint	X					
7.1	Policy	X					
7.2	Complaint treatment	X					
7.3	Training program	X					
7.4	Submitting complaints	X					
7.5	Complaint procedure	X					
7.6	Records	X					
7.7	Visual map	X					
7.8	Statistics	X					
7.9	Semiannual management review	X					
C	Certification identification	X					

Comments: Comment Ref. Comment

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