Check list for inspection bodies for audits in the factory

Initial and surveillance inspection and sampling

Inspection Body: _____

Company: _____

Address: _____

_____

Factory: _____

Address: _____

Factory/plant code: _____(if any) Products according EN: _____

Line no.'s: ___,_____,_____,_____,_____ Number of poduction units: _____
(possibly to be established only after visit of factory)

Date of inspection	Initial	Surveil lance	Inspector	Company representative
			Name:	Name:
			Signature:	Signature:

Quality Assurance Mark

Thermal insulation products for buildings equipment and industrial installations

Check lists for inspection activities

Reference: EN 13172 Evaluation of conformity (Annex A) and
EN 13787 Determination of declared thermal conductivity
EN 14303 through EN 14309, EN 14313, EN 14314 product standards

Shaded areas indicate actions

No.	Reference to			**Initial inspection & sampling**	**Surveillance inspection & sampling**
	Annex A	Clause no.			
1.	**A.2.1**		**Quality management system** according to EN ISO 9001 certificate valid until *questions under No 21 and No 22 answer, if no certificate is present* issued by according to other standards manufacturer's own *answer the questions of No 20 in this case*		
2.	**A.2.2**	5.1.1	**FPC documented in quality manual**		
3.		5.1.2	**Responsibility, authority** and interrelationship between personnel defined		
4.		5.1.3	**Management representative** Board of directors name: for FPC name: Executive responsible for production name:		
5.		5.1.4	**Records on management review** Reviewed:		
6.		5.2	**Quality manual:** Procedures relevant to production		
		a)	Aims, structure and authority defined		
		b)	Raw materials procedures defined		
		c)	FPC described according EN		
		d)	Manufacturer's insp. and tests defined		
		e)	Handling, marking etc. of products defined		
		f)	Personnel training procedures defined		

			Internal Production limits Identical as tigther than more generous than the requierments and tolerances in relevant technical specifications (EN or other if relevant)		
No.	Reference to			**Initial inspection & sampling**	**Surveillance inspection & sampling**
	Annex A	Clause no.			
7.		5.3.1	**Inspection and testing** Facilities, equipment and personnel available Qualified personnel Any subcontractors		
8.		5.3.2	**Test equipment** in accordance with standard tests methods other test methods calibration freq. according to Table 1 calibration traceable		
9.		5.3.3	**Raw materials** Specified requirements		
10.		5.3.4 & product standard	**Testing and Checking during manufacture** Product grouping table updated		
			Production Parameter		
11.		5.3.5.1 & product standard	**Direct product testing** Frequency Test results evaluated		
12.		5.3.5.2 & product standard	**Indirect product testing** Acceptable correlation established Frequency Test results evaluated		

			Correlation between indirect quality characteristics to Thermal conductivity Maximum service temperature other		
			Correlation between indirect quality characteristics or direct properties and production parameter (see No 10)		
No.	Reference to			**Initial inspection & sampling**	**Surveillance inspection & sampling**
	Annex A	Clause no.			
13.		5.3.7	**Inspection and test records** Records		
14.		5.4	**Non-conforming products** Actions		
15.		5.5 Prod. st. Prod. st. Prod. st	**Handling, storage etc.** Handling Storage Marking Labelling Designation code		
16.		5.6	**Traceability of products** Traceability		
17.		5.7	**Training of personnel** Training Records of training		
18.	**A.2.3**		**Initial type testing** by approved body Sampling according to separate report		
19.	**A.2.4.3**		**Audit testing** by approved body Sampling according to separate report Result of comparison of test results		

Observations			Establishment of possible deviations in the production and/or the QS in use and/or structure compared to the status of the first inspection		
			Control of factory production control, comparison between desired and actual values.		
			Examination of statistics		
			Random checks of the procedure followed in case of deviations.		
No.	Reference to			**Initial inspection & sampling**	**Surveillance inspection & sampling**
	Annex A	Clause no.			
Evaluation			**Are there changes compared to the situation at the initial inspection?** if yes, which .... The consequences of changes o improve the quality. o decrease the quality. o have no influence.		
			The factory production control is considered satisfactory		
20.	only answers if a manufacturer own quality management system is present (see no 1)		Is there a company-wide concept for quality management, quality assurance and quality improvement?		
			Is there an executive responsible for quality questions in the board of directors?		
			Are there directives regarding different processes, process plans or documents such as QM manuals?		
			Are there internal system audits conducted and documented systematically?		
			Is there a regulated exchange service for technical information		
			Have quality requirements for suppliers been laid down in writing?		
			Are the measuring means for final tests regularly checked and calibrated?		
			Will test certificates, manufacturer declarations and certificates regarding delivery be given to customers?		
			Has it been ascertained by a written procedure that in case of deviations of product properties from the specified values (declared values) action is taken immediately to establish reasons for the deviation, repair the default and prevent its repetition?		

		Is there a written procedure regarding the treatment of products (lots) that have shown a deviation?		
21.	Quality assurance, trough tests at the production site **Only for non-certified QM** (see no 1)	Installations and measuring means suitable for testing of direct properties or indirect quality characteristics		
		Frequency of tests satisfactory for quality assurance		
		Documentation of measuring results satisfactory		
		Regulated procedure for the comparison between desired and actual values		
		Regulated relation of properties to production parameters		
		Procedure for the unambiguous marking of products		
		Marking of products at the storage site according to regulations		
No.	Reference to Annex A / Clause no.		**Initial inspection & sampling**	**Surveillance inspection & sampling**
22.	Quality assurance, trough tests at the production site **Only for non-certified QM** (see no 1)	Installations and measuring means suitable for testing of direct properties or indirect quality characteristics		
		Installations and measuring means suitable for testing of direct properties or indirect quality characteristics		
		Documentation of measuring results satisfactory		
		Regulated procedure for the comparison between desired and actual values		
		Established correlation between indirect quality characteristics and properties		
		Established relation to the production after the establishment of deviations		
		Procedures and measurements satisfactory for the marking of faulty products		

NOTE Inspection should take ISO 9000 certification into account in accordance with EN 13172 clause 4 2nd sub para.