



Master Inspection Report

(Powder Manufacturer)

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QQM Section: 9.4.3.2

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Version: 07

No. Pages: 11

COMPANY

Name

Phone

E-mail

Contact person

Address Production Sites

INSPECTION POWDER MANUFACTURER PLANT

Date of Inspection

Type of Inspection

Granting

Renewal

Repetition

Date of last Inspection

Issues during last inspection

Testing Laboratory

Name of inspector

1.

2.

LABORATORY EQUIPMENT (QCT Specifications Vol. 3, Ch. 3)

1 APPARATUS FOR MEASURING THICKNESS AND GLOSS

1.1 Instruments for measuring coating thickness (ISO 2360)

Verify the calibration of the instrument using two suitable standards according to the thickness to be measured

	Instrument A		Instrument B	
	MAKE		MAKE	
	MODEL		MODEL	
	No.		No.	
Deviation from the standard value	REQUIRED	MEASURED	REQUIRED	MEASURED
- Set-up I : 0 ± 0.5				
- Set-up II: $< 60 \pm 1$				
- Set-up III: $\geq 60 \pm 2$				
Function	<input type="checkbox"/> correct	<input type="checkbox"/> incorrect	<input type="checkbox"/> correct	<input type="checkbox"/> incorrect
Remarks				

1.2 Specular glossmeter (ISO 2813)

Verify the calibration of the instrument

Make		Model		No	
Function	<input type="checkbox"/> correct	<input type="checkbox"/> incorrect	(± 2 units)		
Remarks					

2 APPARATUS FOR MECHANICAL TESTS

When verifying that the apparatus is functioning properly, it is necessary to check the visual appearance of the apparatus.

2.1 Apparatus for bend test (ISO 1519)

Make Model No

Visual assessment good not good

Function correct incorrect

Remarks

2.2 Cutting tool (for cross-cut adhesion test ISO 2409)

Make Model No

Visual assessment good not good

Function correct incorrect

Adhesive tape available YES NO

Distances between cuts mm

Remarks

2.3 Indenter (ISO 2815)

Make Model No

Visual assessment good not good

Function correct incorrect

Remarks

2.4 Cupping tester (ISO 1520)

Make Model No

Visual assessment good not good

Function correct incorrect

Remarks

2.5 Impact tester (ISO 6272-1, ISO 6272-2 and ASTM D 2794)

Make Model No

Visual assessment good not good

Function correct incorrect

Remarks

2.6 Apparatus for T bend test (EN 13523-7) only for postforming

Make Model No

Visual assessment good not good

Function correct incorrect

Remarks

3 OTHER APPARATUS

3.1 Recorder for stoving temperature

Make Model No

Function correct incorrect Last service / calibration dates

Remarks

3.2 Apparatus for the accelerated weathering test with Xenon-arc lamps (ISO 16474-2)

This test can be outsourced to another production site or to a QUALICOAT accredited and approved laboratory that has the apparatus.

Make Model No

Function correct incorrect Calibration of radiometer

Remarks

3.3 Spectrophotometer (ISO 11664-4)

Make Model No

Function correct incorrect Calibration date

Remarks

3.4 Light cabinet

Make Model No

Light type (D65/A/F2)

Function correct incorrect

Remarks

3.5 RAL Cards

GL (mandatory) Yes No

HR Yes No

Expiration dates (of 5 randomly chosen samples)

Remarks

[Redacted Remarks]

3.6 Apparatus for Measuring the Particle Size

Make

[Redacted Make]

Model

[Redacted Model]

No

[Redacted No]

ISO norm used

[Redacted ISO norm used]

Function

correct incorrect

Remarks

[Redacted Remarks]

3.7 System for checking Polymerisation (Optional)

- **Is there a system for checking polymerisation?**

Yes No

- **If yes, which method is used?**

Specify:

[Redacted Specify]

PRODUCTS

4 TESTING OF PRODUCTS DURING PRODUCTION

At least once per pre-mix (can be done before or after the milling, depending on the test)

Tests	QCT Specifications	Yes	No
Gloss	Vol. 3, Ch. 4 (3.B)	<input type="checkbox"/>	<input type="checkbox"/>
Coating thickness	Vol. 3, Ch. 4 (3.C)	<input type="checkbox"/>	<input type="checkbox"/>
Bend test	Vol. 3, Ch. 4 (3.G)	<input type="checkbox"/>	<input type="checkbox"/>
T Bend test (for postforming)	Vol. 3, Ch. 4 (3.H)	<input type="checkbox"/>	<input type="checkbox"/>
Impact test	Vol. 3, Ch. 4 (3.I)	<input type="checkbox"/>	<input type="checkbox"/>
Colour	Vol. 3, Ch. 4 (3.A)	<input type="checkbox"/>	<input type="checkbox"/>
Particle size		<input type="checkbox"/>	<input type="checkbox"/>

Remarks

TECHNICAL (QCT Specifications Vol. 3 Ch. 6)

5 TECHNICAL INFORMATION

5.1 Technical data sheet (TDS)

If the powder manufacturer has more than 5 approved systems, the inspector shall select **5 TDS** from different P-No's or PF-No's.

Does the TDS contain the following information?

P-No. / PF-No										
	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
Issue Date TDS										
Requirement	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
The P-No. or PF-No. in combination with the word QUALICOAT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Product description	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Curing conditions (<i>min. two different temperatures with min. and max. curing time for each temperature</i>)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Shelf life and maximum storage temperature	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
T Bend value and max. impact value (<i>only for postforming</i>)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Remarks

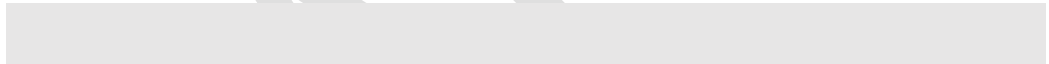
5.2 Powder box label

If the powder manufacturer has more than 5 approved systems, the inspector shall select **5 labels** from different P-No's or PF-No's.

Does the label contain the following information?

P-No. / PF-No										
Requirement	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
The P-No. or PF-No. in combination with the word QUALICOAT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Colour description and product code	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Curing conditions (min. two different temperatures with min. and max. curing time for each temperature)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Expiry date / Best before date at <YY°C	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gross value	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Batch number	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Remarks



5.3 Use of the logo on labels and TDS

Does the powder manufacturer use the QUALICOAT logo in accordance with QUALICOAT Specifications, Vol. 3, Ch. 7?

yes no

SUMMARY

6 Summarizing sheet

Form to be completed at the end of an inspection

SUMMARY OF INSPECTION	ISSUES AND/OR NON-CONFORMITIES	POWDER MANUFACTURER'S REMARKS
LABORATORY EQUIPMENT (MIR-Powd Section 1-3)		
PRODUCTS (MIR-Powd Section 4)		
TECHNICAL (MIR-Powd Section 5)		

Date

[Redacted]

Signature of the powder manufacturer's representative (e-signature or original signature)

[Redacted]

Date

[Redacted]

Inspector's signature (e-signature or original signature)

[Redacted]

General licensee's recommendation to QUALICOAT

- Result satisfactory Result unsatisfactory

Reason for unsatisfactory result

[Redacted]

Date

[Redacted]

General Licensee (e-signature or original signature)

[Redacted]