CHEMICAL MANUFACTURER

Sample Preparation Report (Interim)

according to the requirements of Appendix A6 of the QUALICOAT Specifications

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Report no. _____

COMPANY

Name	
Address sample preparation	
Phone	
E-mail	
Contact person	
Date of report	
Production Site Address	

SAMPLE PREPARATION: CHEMICAL PRETREATMENTS

RENEWAL OF PRETREATMENT SYSTEM APPROVALS (with 10 or more coating lines in operation)

APPROVAL NUMBER[1] *(A-NO.)*:	
NAME OF PRETREATMENT PRODUCT:	
BATCH NUMBER OF PRETRETMENT PRODUCT:	

PROUCTION PLANT

Central production site ☐ Other production site *(ANNEX I)* ☐ Technical service centre ☐

TYPE OF PRETREATMENT SYSTEM

Chrome(VI)-free ☐

	Yes[2]	No		Rinse	No Rinse
Dual use	☐	☐	Final Rinse	☐	☐

(1) A-No. = Approval for chemical pretreatment system (conversion coating) for etched material

(2) Products intended for dual use shall be tested both ways. This implies that all tests must be done in duplicate, namely once with and once without the rinse pretreatment step. Separate F-MIR-Chem form shall be used for each.

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1. TECHNICAL INFORMATION (CHEMICAL SUPPLIER'S TDS)

APPLICATION METHOD (1) (2)					
PRETREATMENT SYSTEM'S TECHNICAL DATA SHEET			VERSION		
PROCESS CYCLE (2) Conductivity Rinse (before / after) conversion					
No.	Step	Product Name / Conductivity [µS/cm]	Temperature [°C]	Concentration pH	Time [min]
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
ANALYTICAL METHODS FOR BATH (Titration, pH, Conductivity / Frequency)					
ANALYTICAL METHOD FOR COATING WEIGHT MEASUREMENT					
OTHER ANALYSES (Dye Spot Test / Frequency)					
OTHER RECOMMENDATIONS (Equipment, Handling, Storage, etc.) (4)					
CONVERSION COATING COLOURLESS?					

NOTES:

(1) Spraying and / or immersion

(2) The manufacturer is responsible for ensuring that the cycle used by the coating applicator is suitable for obtaining a coated product conforming to the QUALICOAT Specifications. What are the limits for demineralised water before / after conversion coating?

(4) The technical specifications must make clear which items are compulsory, for instance does "recommended" mean compulsory or not?

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2. TESTING PROGRAMME

2.1 PANEL PREPARATION

Samples preparation date:

Process Cycle during the panel preparation					
Application method used for the panel preparation			spraying ☐		immersion ☐
No.	Step	Product Name / Conductivity [µS/cm]	Temperature [°C]	Concentration pH	Time [min]
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					

		Prescribed	Measured	Unit
Etching degree	Profiles			g/m^2
Weight / concentration conversion coating (lower limit for corrosion tests on AA 6060 or AA 6063)				

	Yes	No
The process parameters of the technical data sheets have been checked with the process parameters of the inspection and are in accordance with the process used for specimen preparation.	☐	☐
Does the data sheet specify whether the product is a rinse or a no-rinse system?	☐	☐
Does the specification of the conductivity of the rinsing process in the technical data sheet before and/or after conversion coating correspond to the QUALICOAT specifications?	☐	☐

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2.2 COATING MATERIAL & STOVING CONDITIONS

In the table below, the chemical manufacturer must record the progressive temperature measured on the coldest part (optional), the pertinent time measured and the stoving times specified by the coating manufacturer.

2.2.1 Class 1: Powder, Metallic colour

☐ RAL 9006 ☐ RAL 9007	Powder Manufacturer	Product Name
P-		

STOVING CONDITIONS SPECIFIED BY THE MANUFACTURER		MEASURED *(optional)*		STOVING INSTALLATION	
Time [min]	Temperature of parts [°C]	Time [min]	Temperature of parts [°C]	Duration [min]	Set value [°C]

2.2.2 Class 2: Powder, Category 1

RAL 9010	Powder Manufacturer	Product Name
P-		

STOVING CONDITIONS SPECIFIED BY THE MANUFACTURER		MEASURED *(optional)*		STOVING INSTALLATION	
Time [min]	Temperature of parts [°C]	Time [min]	Temperature of parts [°C]	Duration [min]	Set value [°C]

Remarks

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Declaration

The undersigned company herewith agrees that:

- the correctness of the data given above is an integral part of the licencing relationship with QUALICOAT
- the sample panels (for outdoor exposure test) are prepared in compliance and accordance to the requirements of the QUALICOAT Specifications

Name:

Designation:

Date:

Signature & Company Stamp:

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OUTDOOR EXPOSURE GENOA

Approval Number / A-No.:		**Samples sent to QUALITAL SERVIZI S.r.l:**	
Genoa Test Report No.:		**Genoa Test Report Date:**	

Period *(starts in September)*		**Start:**	**End:**
Sample	**Panel / Sample No.**	**Length of infiltration**	**Infiltration**
Sample 1 (Metallic colour)		mm	mm^2/10cm
Sample 2 (Metallic colour)		mm	mm^2/10cm
Sample 3 (Metallic colour)		mm	mm^2/10cm
Sample 4 (RAL 9010)		mm	mm^2/10cm
Sample 5 (RAL 9010)		mm	mm^2/10cm
Sample 6 (RAL 9010)		mm	mm^2/10cm

Testing Laboratory Name:

Responsible Person's Name:

Date:

Laboratory's Signature
(e-signature or original signature)