

**USE 2: Verification of DCC PY.34 & PR.104 RMM and OC
Summary of Blood lead, Air Monitoring and RPE**

Company:			Employee (internal) Id ⁹ :			Approximate volume handled by employee over last 6-12 months:									
Comments:			Smoker Non-smoker			Approximate volume handled by employee/per day:									
Description of Worker Functions and Tasks			Summary of RMM for USE 2			Verification of RMM			Results of Monitoring Programs						
Function	Workplace instruction card (WIC)	Tasks (description of Contributing Scenario)	Technical RMM			Organisational RMM	RPE	Site RMM	Max. hours/week	Type RPE used	Blood lead results		Personal Air Monitoring		
			A. Containment of source	B. Personal enclosure (PE) / segregation (SEG)	C. Local exhaust ventilation (LEV)						Maximum hours per week	Minimum Respiratory protective equipment (APF) ¹⁰	A, B or C	hours	APF
Lab worker /Quality control	WIC09	Laboratory handling of pigment paste and/or paints			Y	10									
		Pigment paint testing by brushing/rolling			Y	20									
		Total				30									
Heat Curing paint applicator	WIC10	Handling of packaged colour paste and/or paint, including distribution				5	-								
		Filling of spray equipment with pigment paints in dedicated settings or		-	-	5	20								
		Filling of equipment with pigment paint or		-	-	5	20								
		Transfer of pigment paint to/from drums/cans e.g. at a filling line before application		Y (SEG)	Y	5	20								
		Pigment paint application and heat curing				30	-								
Total					40										

⁹ Only list non-confidential details. Personal data to be maintained by the customer/downstream user.

¹⁰ Level of respiratory protection that can realistically be expected to be achieved in the workplace by 95% of adequately trained and supervised wearers using a properly functioning and correctly fitted respiratory protective device.

¹¹ The exposure related to chromium can be calculated based on a general 15% Cr-content of PY.34/PR.104

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			A. Containment of source	B. Personal enclosure (PE) / segregation (SEG)	C. Local exhaust ventilation (LEV)	Maximum hours per week	Minimum Respiratory protective equipment (APF) ¹³	A, B or C	hours	APF	µg lead/100 ml blood	Date of test	pigment µg/m ³	Cr µg/m ³ ¹⁴	Date of Test
Mixer	WIC11	Mixing colour paste with paint in closed mixing machine with automated dosing of paste	Y (SEG)	Y		35	-								
		Equipment cleaning: scraping, brushing and wiping	Y			5	-								
		Total				40									
Filler	WIC12	Dried pigment paste and/or paint cleaning				5	20								
		Handling and manipulation of dried painted articles				35	-								
		Total				40									
Maintenance worker in industrial setting	WIC13	Cutting painted metal sheet (dry)				40	10								
		Sanding of dried paint on machines, vehicles, other metal articles etc.			Y	6	30								
		Welding, torchcutting of painted metal (dry)			Y	6	100								
		Total				40¹⁵									

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¹⁵ The limit value for the two pigments is based on an exposure duration of 40 hours per working week. Therefore the maximum duration for any function is 40 even though for this function the summed duration per task can be over 40 hours

