

OCCUPATIONAL PROFILE FOR AUTO PAINTER

Workers Behaviour	General Knowledge and Skills
<ul style="list-style-type: none"> • Environment conscious • Flexible • Hard working • Honest • Patient • Healthy • Polite • Reliable • Time conscious 	<ol style="list-style-type: none"> 1. Communication skills 2. Estimation 3. Effect of spray pattern adjustment 4. Ration of mixing paint 5. Safety precaution 6. Team working skills 7. Type of paints 8. Use of different grade of water, paper and emery cloth 9. Employment and labour act
TOOLS AND EQUIPMENT	CONCERNS AND FUTURE TRENDS
<ul style="list-style-type: none"> • Blow lamp • Compressor • D. E. spanner (Double end) • Hacksaw • Painting brush • Plier • Ring spanner • Stipula • Scissor • Screw driver • Scraper • Spray gun • Steel brush • Writing brush • Safety gear 	<ul style="list-style-type: none"> • Continuous up-gradation skills necessary • Improved social image • More demand for job • New equipment available • Train more Auto Painter • Paint mixing machine • Automobile paint tooth

Endorsed by Technical Advisory Committee (TAC) for Automobile Service sector (TAC - AS) on 8th October 2007
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Occupational Profile for **AUTO PAINTER** Level 2

DACUM Panel Members

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 Numkhor Workshop
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Suk Bir Monger
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Royal Government of Bhutan

Produced for

**Training Providers, Employers, Employees,
 Trainees and Interested General Public.**

Developed by
**Department of Occupational Standards
 Ministry of Labour and Human Resources
 Thimphu**

20 - 21 August 2006

ISCO - 88 Code: 7142
 DOS Code: OP - 025

AUTO PAINTER : Duties & Tasks

20 - 21 August 2006

Duties		Tasks										
A	Estimate cost	A1 Check overall damage	A2 Prepare list of damaged areas	A3 Estimate time	A4 List required materials	A5 Find out cost of materials	A6 Obtain required information from customer	A7 Identify colour by referring shade colour	A8 Identify colour by referring colour code	A9 Negotiate cost		
B	Prepare for painting	B1 Take over vehicle from customer / denting section	B2 Inspect dented areas	B3 Request Panel Beater to dismantle parts	B4 Sand putty area for levelling	B5 Make wooden block	B6 Protect from paint by masking	B7 Protect from paint by using masking tape	B8 Apply primer surface gray	B9 Mix paints to get required shade		
C	Remove paint	C1 Check condition of paint on dented	C2 Check cracks on body	C3 Assign work to helpers	C4 Remove old paints using scrapper	C5 Remove paint by heating	C6 Remove paint using solvent (paint remover)	C7 Remove paint by steel brush	C8 Remove paint with emery cloth	C9 Remove paint with water paper	C10 Dispose paint	
D	Clean whole body	D1 Wash body with water	D2 Clean surface with body cleaner	D3 Clean unwanted paint by thinner	D4 Clean with silicon remover	D5 Clean body surface with tag cloth	D6 Remove unwanted paint	D7 Clean rust with anti - rust solution	D8 Clean paint from plastic using brake oil			
E	Apply primer	E1 Check air pressure of compressor	E2 Clean spray gun	E3 Mix primer with thinner	E4 Set spray equipment	E5 Set spray on body	E6 Clean spray gun nozzle with thinner					
F	Apply putty	F1 Prepare putty	F2 Apply putty by steel stipula	F3 Apply tube putty	F4 Repair plastic material with M - seal	F5 Perform dry sanding	F6 Perform wet sanding					
G	Perform painting	G1 Wear mask	G2 Prepare paint for correct viscosity	G3 Spray paint	G4 Spray fade-out paint	G5 Apply clear coat for metallic paint	G6 Spray border	G7 Apply paint with brush	G8 Paste sticker	G9 Apply rubber seal / anti-rust	G10 Apply anti-static cleaner on plastic coating	G11 Spray primer on plastic surface
H	Perform polishing	H1 Clean with fine cloth	H2 Remove dust by compressor air	H3 Polish body with polishing compound	H4 Apply polish on dash board	H5 Polish tyre with tyre polish	H6 Shine surface with clean cloth					
I	Maintain air compressor	I1 Adjust compressor belt tension	I2 Change compressor oil	I3 Clean air compressor	I4 Replace compressor air filter	I5 Drain water from compressor tank	I6 Replace air hose pipe					
J	Upgrade knowledge	J1 Refer catalogue	J2 Experiment to create new colour	J3 Seek help from senior	J4 Ask dealer about new paints	J5 Share ideas with colleagues	J6 Participate in training					