

DACUM Panel

1. Mr. Asta Man Maharjan, Kirtipur, Kathmandu
2. Mr. Badri Shrestha, Kupandol, Lalitpur
3. Mr. Baikhuntha Gautam, Himalayan Engineering, Kathmandu
4. Mr. Gaya Sharma, Basundhara, Kathmandu
5. Mr. Sagar Shrestha, Tinchule, Kathmandu
6. Mr. Jaya Prasad Sharma, Basundhara, Kathmandu
7. Mr. Dinesh Shrestha, Golchha Arganisation, Kathmandu
8. Mr. Badri Acharya, Bauddha, Kathmandu
9. Mr. Ganesh Kafle, Bauddha, Kathmandu
10. Mr. Kumar Bhujel, Baluwatar, Kathmandu
11. Mr. Hitlal Sha, Ratopul, Kathmandu

DACUM Coordinator

Kailash Kumar Ranjit, Panchakanya Training Institute Pvt. Ltd., Pokhara, Kaski

DACUM Facilitator/Recorder

Mr. Sagar Mani Lamsal, Curriculum & Training Expert, Kathmandu

Mr. Suraj Mani Lamsal, Kathmandu

Verification Panel

1. Mr. Dipesh Palikhe, Trainer, Panchakanya Training Institute, Ranipauwa, Pokhara
2. Mr. Govinda Khand, ACP Expert, Jaya Manakamana Aluminum and Steel Industries, Simalchour, Pokhara
3. Mr. Krishna Ram Neupane, Febiko Aluminum, Kathmandu.
4. Mr. Sachin Rauniyar, ACP Technician, Sarlahi
5. Mr. Sanjaya Khand, ACP Technician, Jaya Manakamana Aluminum and Steel Industries, Simalchour, Pokhara
6. Mr. Santosh Karmacharya, ACP Technician, Kathmandu
7. Mr. Durga Marasaini, ACP Expert, Pokhara Aluminum Fabrication, Newroad, Kaski
8. Mr. Subodha Rai, ACP Technician, Kathmandu
9. Mr. Ramnandan Mishra, ACP Technician, Birgunj, Parsa
10. Mr. Ram Gopal Palikhe, ACP Trainer, Pokhara, Kaski
11. Mr. Pradip Ranjit, ACP Expert, Ranjit Gharelu Metal Industries, Ranipauwa, Kaski
12. Mr. Shiva Prasad Dev, ACP Technician, Birgunj, Parsa

DACUM Facilitators/Co - Facilitator

Mr. Ram Hari Devkota, Dy Director, NSTB, Sanothimi, Bhaktapur

Mr. Ishwar Chandra Ghimire, Skill Testing Officer, NSTB, Sanothimi, Bhaktapur

Technical Sub Committee

1. Prof. Rabindra Nath Bhattarai
Co-ordinator, Mechanical Tech. Sub Committee
2. Mr. Chandra Bhakta Nakarmi, Member
Director, NSTB, Sanothimi
3. Mr. Astaman Maharjan, Managing Director,
Kirtipur Aluminum Fabricator and Suppliers,
Kirtipur, Kathmandu
4. Mr. Kumar Bhujel, Contractor/Fabricator,
Bhujel ACP fitting Technology, Baluwatar,
Kathmandu
5. Mr. Ramesh Singh, Manager, New Concept
Decoration Pvt. Ltd., Kuleshwor, Kathmandu
6. Mr. Bikash Singh Maharjan, Assistant
Manager, Shree Ganesh Aluminum and Decor,
Kuleshwor, Kathmandu
7. Mr. Deepak Prasad Poudel, Member
Dy-Director, NSTB, Sanothimi
8. Mr. Ram Hari Devkota, Member
Dy-Director, NSTB, Sanothimi
9. Mr. Ishwar Chandra Ghimire, Member
Skill Testing Officer, NSTB, Sanothimi
10. Mr. Suresh Bhaila, Memb. Secretary
Sr. Skill Testing Officer, NSTB, Sanothimi

Occupational Profile



Aluminum Composite Panel (ACP) Installer, L-1

Sector: Mechanical Sub Sector: Fabrication

(DACUM Workshop held on 12 & 13 September 2011)

(Customized DACUM workshop held on 18 & 19 Oct. 2011)

(Technical Sub Committee Meeting on 20 Oct. 2011)



Council For Technical Education and Vocational Training

NATIONAL SKILL TESTING BOARD

Madyapur Thimi 17, Sanothimi, Bhaktapur

Nepal

(NSTB approval date)

A. Maintain Health and Safety

A1. Maintain personal safety			A2. Handle tools and equipment safely			A3. Handle materials safely			A4. Maintain workshop/work area neat and tidy		
Task rating			Task rating			Task rating			Task rating		
Importance	Difficulty	Frequency	Importance	Difficulty	Frequency	Importance	Difficulty	Frequency	Importance	Difficulty	Frequency
3	1	3	3	2	1	3	2	3	3	1	3
A5. Apply first aid											
Task rating											
Importance	Difficulty	Frequency									
3	1	1									

B. Maintain Tools and Equipment

B1. Maintain measuring tools			B2. Maintain cutting tools			B3. Maintain clamping tools			B4. Maintain drilling tools		
Task rating			Task rating			Task rating			Task rating		
Importance	Difficulty	Frequency	Importance	Difficulty	Frequency	Importance	Difficulty	Frequency	Importance	Difficulty	Frequency
3	2	3	3	2	3	3	2	3	3	2	3
B5. Maintain fastening tools			B6. Maintain joining tools			B7. Lubricate/grease tools & equipment					
Task rating			Task rating			Task rating					
Importance	Difficulty	Frequency	Importance	Difficulty	Frequency	Importance	Difficulty	Frequency			
3	2	3	3	2	3	3	2	3			

C. Perform Bench Work

C1. Perform simple plane sketch			C2. Perform Box sketch			C3. Perform Tee sketch			C4. Perform Measuring/marking		
Task rating			Task rating			Task rating			Task rating		
Importance	Difficulty	Frequency	Importance	Difficulty	Frequency	Importance	Difficulty	Frequency	Importance	Difficulty	Frequency
3	2	3	3	2	3	3	2	3	3	3	3
C5. Perform layout			C6. Perform filing			C7. Perform drilling/counter sinking			C8. Perform screwing		
Task rating			Task rating			Task rating			Task rating		
Importance	Difficulty	Frequency	Importance	Difficulty	Frequency	Importance	Difficulty	Frequency	Importance	Difficulty	Frequency
3	3	3	3	2	3	3	2	3	3	2	3
C9. Perform riveting			C10. Perform grooving								
Task rating			Task rating								
Importance	Difficulty	Frequency	Importance	Difficulty	Frequency						
3	2	2	3	2	2						

D. Perform Cutting

D1. Perform straight cutting			D2. Perform angled cutting			D3. Perform irregular cutting			D4. Perform circle cutting		
Task rating			Task rating			Task rating			Task rating		
Importance	Difficulty	Frequency	Importance	Difficulty	Frequency	Importance	Difficulty	Frequency	Importance	Difficulty	Frequency
3	2	3	3	2	3	3	2	3	3	3	3
D5. Perform square cutting											
Task rating											
Importance	Difficulty	Frequency									
3	1	2									

E. Perform Bending

E1. Perform circle bending			E2. Perform concave bending			E3. Perform convex bending			E4. Perform round bending		
Task rating			Task rating			Task rating			Task rating		
Importance	Difficulty	Frequency	Importance	Difficulty	Frequency	Importance	Difficulty	Frequency	Importance	Difficulty	Frequency
3	3	3	3	3	3	1	2	1	3	2	3
E5. Perform angled bending			E6. Perform U bending								
Task rating			Task rating								
Importance	Difficulty	Frequency	Importance	Difficulty	Frequency						
3	2	3	3	1	2						

F. Install ACP

F1. Perform leveling			F2. Install square pipe/tube			F3. Install expansion bolts			F4. Install angles		
Task rating			Task rating			Task rating			Task rating		
Importance	Difficulty	Frequency	Importance	Difficulty	Frequency	Importance	Difficulty	Frequency	Importance	Difficulty	Frequency
3	3	3	3	3	3	3	3	3	3	3	3
F5. Install ACP board											
Task rating											
Importance	Difficulty	Frequency									
3	3	3									

DUTIES and TASKS

G. Perform Finishing Work

G1. Fill gape by foam			G2. Stick masking tape			G3. Perform silicon filling			G4. Remove masking tape		
Task rating			Task rating			Task rating			Task rating		
Importance	Difficulty	Frequency	Importance	Difficulty	Frequency	Importance	Difficulty	Frequency	Importance	Difficulty	Frequency
3	1	3	3	3	3	3	3	3	3	1	3
G5. Remove unnecessary silicon			G6. Remove safety sticker			G7. Perform surface wiping/cleaning					
Task rating			Task rating			Task rating					
Importance	Difficulty	Frequency	Importance	Difficulty	Frequency	Importance	Difficulty	Frequency			
3	1	3	3	1	3	3	2	3			

Rating options:

1= Low 2= Medium 3= High

DUTIES and TASKS

Additional Information for Job Title

<p><u>Worker Traits</u></p> <ul style="list-style-type: none">• Concentration• Interest• Laborious• Punctual• Friendly• Healthy• Co-operative• Disciplined• Energetic• Polite• Patience• Honest	<p><u>Entry Requirement</u></p> <ul style="list-style-type: none">• Literate with 3 months (390 hrs) of training <p style="text-align: center;">Or</p> <ul style="list-style-type: none">• As per NSTB Rules	<p><u>Career Path</u></p> <p>Aluminum Composite Panel Installer, L-2</p>
<p><u>Related Technical Knowledge</u></p> <p>Knowledge on:</p> <ul style="list-style-type: none">• Measurement, different tools, machinery and their uses.• Different angles/shapes and sizes.• Safety and precaution.• Different types of materials uses in aluminum composite panel.• Understanding of general drawing and sketches.• Different cutting.• Different bending.• Leveling and adjustment.• Simple mathematical calculations.	<p><u>Tools and Equipment</u></p> <ul style="list-style-type: none">• Measuring tape/steel ruler• Try square• Hacksaw• File (flat, triangular, round)• Screwdriver• Rivet gun and rivets• Pliers• Hand drill and drill bits• Jig saw• Aluminum cutting machine• Vice• Water level• Silicon gun• Spirit level• Plum bob• Hammer• Chisel• Tool kit box• Brush• Paper cutter• Router machine• Hammering drill machine and drill bits• Hand saw	