PRINTING MACHINE MECHANIC

Source: National competency Standard
(Competency Standards Code No:D22S005)

National Certificate at NVQ Levels in the occupation of PRINTING MACHINE MECHANIC will be awarded to those who are competent in

unitS 1+8 - D22S005Q1L2 - NVQ Level 2
unitS 2+5+9 - D22S005Q2L3 - NVQ Level 3
unitS 3+6+11 - D22S005Q3L3 - NVQ Level 3
unitS 4+7+12 - D22S005Q4L3 - NVQ Level 4
unitS 2+5+9+10 - D22S005Q5L4 - NVQ Level 4
unitS 3+6+9+11 - D22S005Q6L4 - NVQ Level 4
unitS 4+7+9+12 - D22S005Q7L4 - NVQ Level 4



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Unit of Competency	Elements	Module No	Task Number & Task
1.Install Letterpress printing machines D22S005U01	1. Position the machineat the required location 2. Level the machine conforming to guidelines of the manufacturer. 3. Assemble dismantled parts /accessories of Letterpress printing machines 4. Commission the machine	**M-04** Prepare Letter Press Printing Machine	**A-1** Arrange Letter Press Printing Machine for installation **A-2** Install the Letter Press Printing Machine **A-3** Commission the Letter Press Printing Machine
2.Install Offset (Lithography) printing machines D22S005U02	1. Position the machineat the required location 2. Level the machine conforming to guidelines of the manufacturer. 3. Assemble main units 4. Prepare the printing machine for commissioning	**M-05** Prepare Offset (Lithography) Printing Machine	**B-1** Arrange Offset (Lithography) Printing Machine for installation **B-2** Install the Offset (Lithography) Printing Machine **B-3** Commission the Offset (Lithography) Printing Machine
3.Install Gravure printing machines D22S005U03	1. Position the machine at the required location 2. Level the Machine conforming to guidelines of the manufacturer 3. Assemble main units 4. Prepare the machine for commissioning	**M-06** Prepare Gravure Printing Machine	**C-1** Arrange Gravure Printing Machine for installation **C-2** Install the Gravure Printing Machine **C-3** Commission the Gravure Printing Machine
4.Install Flexography printing machines	1. Position the machine at the required location	**M-07** Prepare Flexography Printing Machine	**D-1** Arrange Flexography Printing Machine for installation **D-2** Install the Flexography Printing Machine

Unit of Competency	Elements	Module No	Task Number & Task
D22S005U04	2. Level the Machine conforming to guidelines of the manufacturer 3. Assemble main units 4. Prepare the machine for commissioning		**D-3** Commission the Flexography Printing Machine
5.Carryout maintenance work on Offset (Lithography) printing machines D22S005U05	1. Plan material requirement for maintenance work 2. Carryout scheduled maintenance work	**M-09** Maintain Offset (Lithography) Printing Machine	**F-1** Prepare material requirement plan for maintenance work **F-2** Assist procurement of spare parts and material **F-3** Perform schedule maintenance work
6.Carryout maintenance work on Gravure printing machines D22S005U06	1. Plan material requirement for maintenance work 2. Carryout scheduled maintenance work	**M-10** Maintain Gravure Printing Machine	**G-1** Prepare material requirement plan for maintenance work **G-2** Assist procurement of spare parts and material **G-3** Perform schedule maintenance work
7.Carryout maintenance work on Flexography printing machines D22S005U07	1. Plan material requirement for maintenance work 2. Carryout scheduled maintenance work	**M-11** Maintain Flexography Printing Machine	**H-1** Prepare material requirement plan for maintenance work **H-2** Assist procurement of spare parts and material **H-3** Perform schedule maintenance work
8.Carryout repairs to Letterpress (sheet fed) printing machines D22S005U08	1. Carryout diagnostic inspection of the machine to determine the nature and extent of repair 2. Carryout repairs to Feeder Unit of Letterpress	**M-08** Maintain Letter Press Printing Machine	**E-1** Prepare material requirement plan for maintenance work **E-2** Assist procurement of spare parts and material **E-3** Perform schedule maintenance work
		M-12 Repair Letter	**J-1** Diagnose faults in the Letter Press (Sheet fed) Printing Machine

Unit of Competency	Elements	Module No	Task Number & Task	
	Feeder Unit of Letterpress printing machines	Press (Sheet Fed) Printing Machine	**J-2**	Assist procurement of spare parts and material required to repair
	3. Carryout repairs to Inking Unit of Letterpress printing machines		**J-3**	Perform repair of the Letter Press (Sheet fed) Printing Machine
			J-4	Commission the Letter Press (Sheet fed) Printing Machine after repair
	4. Carryout repairs to Impression Unit of Letterpress Printing machines			
	5. Carryout repairs to Delivery Unit of Letterpress printing machines			
	6. Carryout repairs on Drive mechanism of Letterpress printing machines			
	7. Commission the machine after repairs			

9.Carryout repairs to Offset (sheet fed) printing machines D22S005U09	1. Carryout diagnostic inspection of the machine to determine the nature and extent of repair	**M-13** Repair Offset (Sheet Fed) Printing Machine	**K1**	Diagnose faults in the Offset (Sheet fed) Printing Machine
			K2	Assist procurement of spare parts and material required to repair
	2. Carryout repairs to Feeder Unit of Offset printing machines		**K3**	Perform repair of the Offset (Sheet fed) Printing Machine
			K4	Commission the Offset (Sheet fed) Printing Machine after repair

Unit of Competency	Elements	Module No	Task Number & Task
	3.Carryout repairs to Inking Unit of Offset printing machines 4. Carryout repairs to Dampening Unit of Offset Printing machines 5. Carryout repairs to Cylinders of Offset printing machines 6. Carryout repairs to Drive and Lubricating System of Offset printing machines 7. Carryout repairs to Delivery Unit of Offset printing machines 8. Carryout repairs to Pneumatic System of Offset printing machines 9. Commission the machine after repairs		
10.Carryout repairs to Offset (reel fed) printing machines D22S005U10	1. Carryout diagnostic inspection of the machine to determine the nature and extent of repair 2. Carryout repairs to Un-winder Unit of Offset printing machines 3. Carryout repairs to Inking Unit of Offset printing	**M-14** Repair Offset (Web fed) Printing Machine	**L-1** Diagnose faults in the Offset (Web fed) Printing Machine **L-2** Assist procurement of spare parts and material required to repair **L-3** Perform repair of the Offset (Web fed) Printing Machine **L-4** Commission the Offset (Web fed) Printing Machine after repair

Unit of Competency	Elements	Module No	Task Number & Task
	Unit of Offset printing Machines 4. Carryout repairs to Dampening Unit of Offset printing machines 5. Carryout repairs to Cylinders of Offset printing machines 6. Carryout repairs to Drive and Lubricating System of Offset printing machines 7. Carryout repairs to Folding and Cutting Unit of Offset printing machines 8. Carryout repairs to Pneumatic System of Offset printing machines 9. Commission the machine after repairs		
11.Carryout repairs to Gravure printing machines D22S005U11	1. Carryout diagnostic inspection of the machine to determine the nature and extent of repair 2. Carryout repairs to Un-winder Unit of Gravure printing machines 3. Carryout repairs to Inking Unit of Gravure printing machine	**M-15** Repair Gravure Printing Machine	**M-1** Diagnose faults in the Gravure Printing Machine **M-2** Assist procurement of spare parts and material required to repair **M-3** Perform repair of the Gravure Printing Machine **M-4** Commission the Gravure Printing Machine after repair

Unit of Competency	Elements	Module No	Task Number & Task
	4. Carryout repairs to Cylinders of Gravure Printing machines 5. Carryout repairs to Drive and Lubricating System of Gravure printing machines 6. Carryout repairs to Finishing Unit of Gravure printing machines 7. Carryout repairs to Pneumatic System of Gravure printing machines 8. Commission the machine after repairs		

12.Carryout repairs to Flexography printing machines D22S005U12	1. Carryout diagnostic inspection of the machine to determine the nature and extent of repairs 2. Carryout repairs to Un-winder Unit of Flexography printing Machines 4. Carryout repairs to Cylinders of Flexography printing machine 5. Carryout repairs to Drive and Lubricating System of Flexography printing machines	**M-16** Repair Flexography Printing Machine	**N-1**	Diagnose faults in the Flexography Printing Machine
			N-2	Assist procurement of spare parts and material required to repair
			N-3	Perform repair of the Flexography Printing Machine
			N-4	Commission the Flexography Printing Machine after repair

Unit of Competency	Elements	Module No	Task Number & Task
	6. Carryout repairs to Finishing Unit of Flexography printing Machines 7. Carryout repairs to Pneumatic System of Flexography printing Machines 8. Commission the machine after repairs		