

Skill Assessment Test

Job role - Pavement Layer

QP Code-CON/Q1002

Total Marks = 420

Duration:5 hr 30 Minutes

Each NOS carries 70 Marks

Infrastructure: Bitumen boiler, heating tray,hammer and cutter, raker, spade,Bitumen,aggregate,filler, WMM surface,hand sprayer,drum,fire extinguisher,PPEs,straightedge, tape, wheel barrow, precast concrete pipe,chain&pulley,cement Mortar,Mason thread,lime,broom

CON/N1005: Prepare and spread asphalt manually for construction of binding course/ wearing course

- 1 Refer figure,-1, Prepare the bituminous mix manually and lay on WMM course of pavement section.
Width of pavement Section=3.5 metre
Length of pavement section= 7 metre
camber = 2 percent
longitudinal slope = 3 percent

CON/N1004 :Apply prime coat and tack coat manually to the respective road layers

- 2 Apply tack coat on bituminous surface of a road section 3.5 mx5m
- 3 Apply prime coat on granular base course(WMM) of a road section 3.5mx5m

CON/N1006: Shift and place pipelines for drainage

- 4 Refer figure -3 ,shift the pipeline and fix it to specified position in trench maintaining line and level as per drawing.
Note: Use collar joint for joining the pipes &Minimum two pipes shall be used in a single row.

CON/N8001: Work effectively in a team to meet expected outcomes

- 5 *There is no separate task for this NOS
This NOS will be assessed while performing the activities of NOS-1, NOS-2.NOS-3 as listed above

CON/N8002: Plan and organize work to meet expected

- 6 *There is no separate task for this NOS
This NOS will be assessed while performing the activities of NOS-1, NOS-2.NOS-3 as listed above

CON9001 Work according to personal health,safety and environment protocol at construction site

- 7 Demonstrate use of PPEs relevant to hot bitumen paving work
- 8 Identify the types of fire extinguisher and demonstrate use of any one of these.