



FUEL INJECTOR

The attached sheet shows the various parts of a FUEL INJECTOR of industrial furnace. The nozzle (2) is assembled into the bore of the body (1) and secured in position by a locking nut (3). The pipe connection (4) is assembled to the nozzle body by sliding freely from the free end of the nozzle body. It is held in position by a sealing bushing (5) and a locking nut (6).

Work Required:

I-Draw to a suitable scale:

- (a) Sectional Elevation (30 points)
- (b) Half Sectional Side View (20 points)
- (c) Complete Top View. (20 points)

II- Complete Working Drawing for the NOZZLE (Part No. (2)). (15 Points)

III- Include a tabulated part list in your answer sheet. (5 Points)

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Good Luck

