

DEPARTMENT OF CHEMISTRY, GOVT. COLLEGE (AUTO), ANGUL

EQUIPMENT

Sl.No.	Name of the Equipment	Quantity
1	Microburette	5
2	Beckmann Thermometer	2
3	Triangular File	10
4	Tripod Stand	30
5	Bunsen Burner with key heavy base	30
6	Digital Balance	1
7	Water Bath – 6 inch (copper)	10

GLASSWARE

Sl.No.	Name of the Glassware	Quantity
1	Beaker 100ml-Borosil	10
2	Beaker 150ml-borosil	40
3	Beaker 250ml-borosil	30
4	Beaker 400ml-borosil	30
5	Beaker 500ml-borosil	10
6	Beaker 1000ml-borosil	05
7	Conical flask-150ml - borosil	30
8	Conical flask-250ml - borosil	30
9	Conical flask-500ml – borosil	10
10	Graduated flask-100ml – borosil	15
11	Pipette-05ml – borosil	20
12	Pipette-10ml – borosil	20
13	Pipette-20ml – borosil	20
14	Pipette-25ml – borosil	20
15	Pipette graduated-5ml – borosil	5
16	Pipette graduated-10ml – borosil	5
17	Pipette graduated-20ml – borosil	5
18	Pipette graduated-25ml – borosil	5
19	Stoppered bottle-500ml – borosil	20
20	Specific gravity bottle-25ml – borosil	10
21	Specific gravity bottle-50ml – borosil	10
22	Test tube, O/B. – borosil	400
23	Double blue glass	30
24	Porcelain basin	60
25	Porcelain tile	60
26	Filter stand	50
27	Test tube brush	60
28	Burette brush	60
29	Weing bottle	10
30	Fractional weight box	5
31	Reagent bottle-125-N.M, O/B	30
32	Reagent bottle-250-N.M, O/B	30
33	Reagent bottle-250-W.M, O/B	15
34	Reagent bottle-500-W.M, O/B	10
35	Measuring flask-100/250/500/1000ml - borosil	20/20/15/10

Dr

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CHEMICAL		
Sl.No.	Name of the Chemical	Quantity (gms/ml)
1	Antimony chloride	500
2	Arsenic chloride	500
3	Arsenic sulphate	500
4	Chromium sulphate	500
5	Ferrous sulphate	500
6	Ammonium carbonate	500
7	Ammonium sulphate	500
8	Calcium sulphate	500
9	Cobalt chloride	500
10	Manganese chloride	500
11	Manganese sulphate	500
12	Manganese nitrate	500
13	Magnesium hydroxide	500
14	Magnesium chloride	500
15	Aluminium chloride	500
16	Aluminium hydroxide	500
17	Strontium chloride	500
18	Strontium carbonate	500
19	Strontium sulphate	500
20	Sodium hydroxide	500
21	Sodium chloride	500
22	Potassium permanganate	500
23	Potassium ferricyanide	500
24	Potassium ferrocyanide	500
25	Nickel chloride	500
26	Acetyl chloride	500
27	p-amino phenol	500
28	Acetic anhydride	500
29	p-acetyl aminophenol	500
30	Ethyl chloride	500
31	Absolute alcohol	500
32	Sodium metal	500
33	Ethyl alcohol	500
34	Dimethicone	500
35	Ferric ammonium sulphate	500
36	EDTA	500
37	Benzoyl chloride	500
38	Phthaliamide	500
39	Ethanol	500
40	Tollen's reagent	500
41	Fehling solution-A	500
42	Fehling solution -B	500
43	Ammonium ceric nitrate	500
44	Calcium sulphate	500
45	Calcium oxide.	500

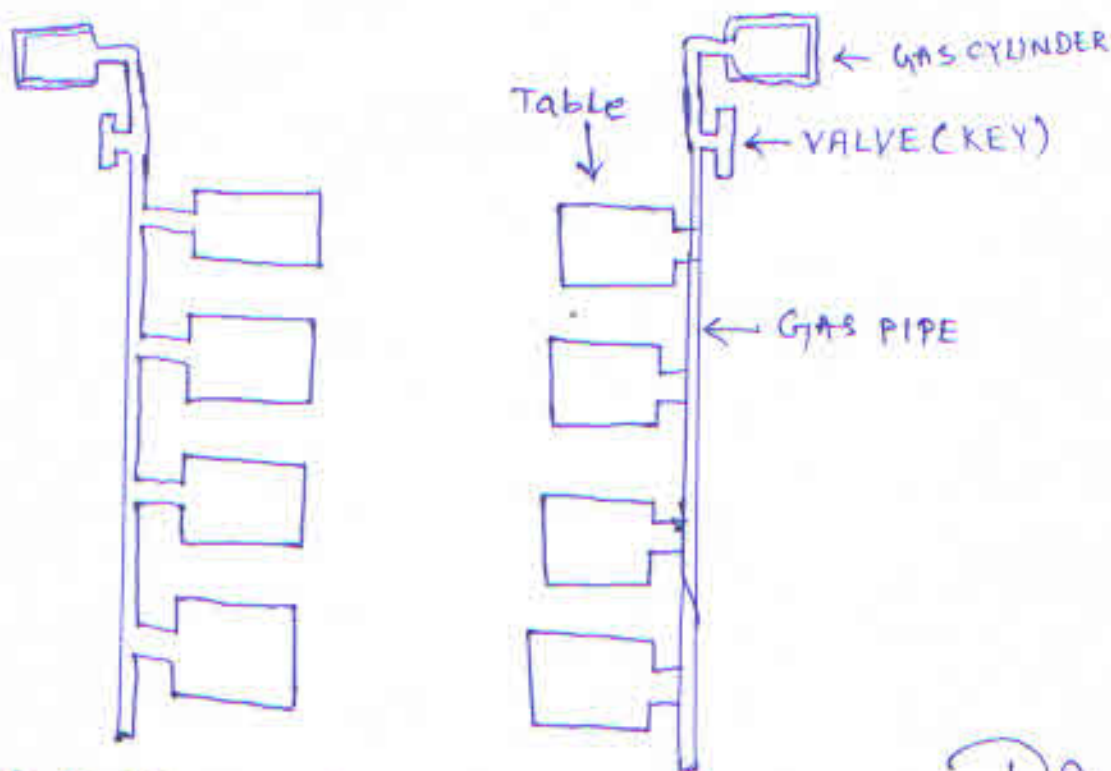
DM

Gas fitting including installation in the Chemistry Laboratory


01. Gas pipe, Mild Steel (MS)(Tata made), 1/2 inch.
02. Valve set
03. Bunsen burner set
04. Regulator
05. Rubber pipe to Bunsen burner
06. 32 seated lab. (2- number of laboratory)
07. Pipe wall thickness (Highest gauge available in half inch category)
08. Anticorrosion painting of the pipes.
09. Installation.

The Bidders for gas pipe fittings are required to submit **separate EMD of Rs- 10,000 /-** (Ten Thousand only) in the form of demand draft from any nationalised bank in favour of **Principal, Govt. College (Auto) Angul, payable at angul.**

The bidders are further requested to visit the chemistry Labs, of Govt. College (A) Angul, at their own cost on working days between 10am to 2pm, to assess the cost before submitting of tender paper.



Each Table has four (04) Burners and The diagram is indicative in nature.


HOD, Chemistry,
Govt. (A) College, Angul.