

Entry: **CU74** Date:
 Machine Name: **K.F.S.H.&R.C. CYCLOTRON**
 Cyclotron Model: **CS-30**
 Institution: **King Faisal Specialist Hospital and Research Centre**
 Address: **P.o.Box 3354,Riyadh 11211,Saudi Arabia**
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 E-mail: **cyclotron@kfshrc.edu.sa**
 In Charge: **Salman Mohammad. Miliebari**

HISTORY

Installation: **1977** First Beam: **1981**
 Design/Construction by: **The Cyclotron Corporation**
 Funded by: **Government of Saudi Arabia**

USES

Isotope Production90 %
 Research and Development10 %
 %
 %
 Total time:2100 h/year

CHARACTERISTIC BEAMS

Ions/energy/current:

Proton / 26 MeV / 200 uA (in) 60 uA (ex)
 Deuteron 15 MeV / 300 uA (in) 100 uA (ex)
 He-3 / 38 MeV / 135 uA (in) 60 uA (ex)
 He-4 / 29 MeV / 90 (in) 40 uA (ex)

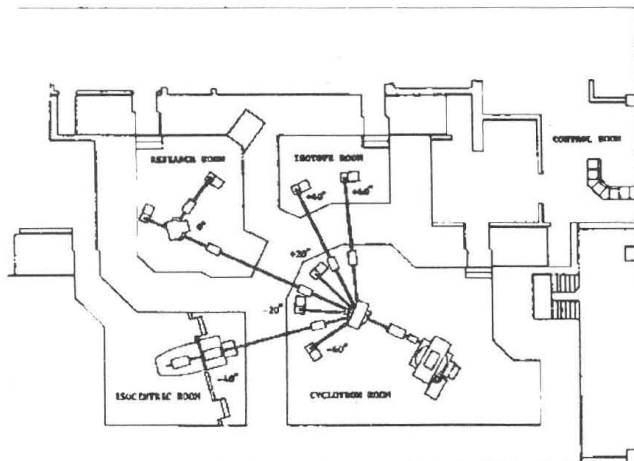
EXPERIMENTAL FACILITIES

190 m2 shielded area
 Research Room with analysing magnet
 Seven Beam Lines
 One beam Line capable of producing secondary beam of neutrons

REFERENCES

IEEE Trans Nucl. Sci. NS-14, 70-71 (1967)
 IEEE Trans Nucl. Sci. NS-16, 500-503 (1969)

PLAN VIEW OF FACILITY



COMMENTS

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