

ENTRY NO. CU37 Date 09 October 1995
 Cyclotron Model NRCAM
 Institution Nuclear Research Centre for Agriculture &
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 In Charge: Dr M Haji-Saeid Reported by: Dr M Haji-Saeid

HISTORY

MILESTONE DATES:

Installation 1994 First Beam December 1994
 DESIGN/CONSTRUCTION BY: IBA, Belgium
 COST: Accelerator Facility
 FUNDED BY: Atomic Energy Organisation of Iran

STATUS

STAFF: Operators 10 Technicians 5
 BUDGET: Machine Funded by
 TIME DISTRIBUTION: (e.g. basic research, isotope production, maintenance, etc.)
 (a) Isotope Production 70 %
 (b) Applied Research 22 %
 (c) Maintenance 8 %
 (d) %
 (e) %

CHARACTERISTIC BEAMS

Accelerated Ions	E/A (MeV/u)	Current (part μ A)	
		Internal	External
(a) H^-	15-30 MeV		500 μ A
(b) d^-	7-15 MeV		180 μ A

1994 μ A-hours on target:

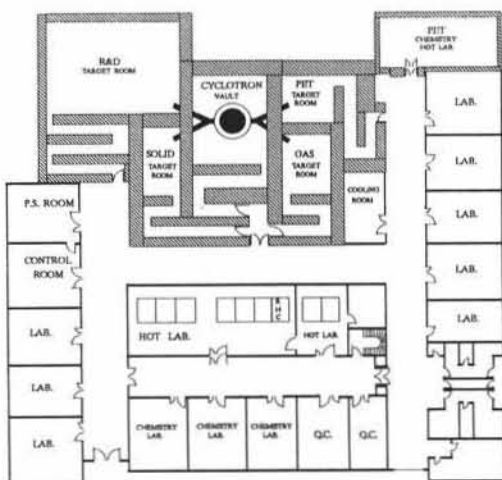
FACILITIES

SHIELDED AREA: Fixed: 600 m² Moveable m²
 Target Stations: 4 No. Served At Same Time: 2
 OTHER FACILITIES: Radioisotope production facilities, PET facilities, R&D facilities

REFERENCES/NOTES

(a)
 (b)

PLAN VIEW OF FACILITY, COMMENTS



ENTRY NO. CU38 Date October 1995
 Cyclotron Model MC-40 Scanditronix
 Institution IAM - European Commission
 Address 21020 Ispra (VA) Italy
 Tel ++39 332 789895 Telex 380058 EUR I
 Fax ++39 332 789385 E-MAIL
 In Charge: M.F. Stroosnijder Reported by: M.F. Stroosnijder

HISTORY

MILESTONE DATES:

Installation 1980 First Beam 1982
 DESIGN/CONSTRUCTION BY: Scanditronix
 COST: Accelerator 9 x 10⁶ SKR Facility
 FUNDED BY: European Commission

STATUS

STAFF: Operators 3 Technicians 2
 BUDGET: Machine Funded by Europ. Commission
 TIME DISTRIBUTION: (e.g. basic research, isotope production, maintenance, etc.)
 (a) Materials Research 40 %
 (b) Isotope Production 30 %
 (c) Environmental Research 15 %
 (d) Fusion Materials Research 15 %
 (e) %

CHARACTERISTIC BEAMS

Accelerated Ions	E/A (MeV/u)	Current (part μ A)	
		Internal	External
(a) Proton	39	120	60
(b) Deuterons	10	100	60
Alphas	10	60	30

1994 μ A-hours on target:

FACILITIES

SHIELDED AREA: Fixed: 280 m² Moveable m²
 Target Stations: 6 No. Served At Same Time: 1
 OTHER FACILITIES:

REFERENCES/NOTES

(a)
 (b)

PLAN VIEW OF FACILITY, COMMENTS