

ENTRY NO. CU67 Date
 Cyclotron Model MC 35
 Institution Dept Phys. Univ. of Oslo
 Address Blindern, Norway
 Tel 02 856428 Telex
 Fax 02 856422 EMAIL sveinm@fys.uio.no
 In Charge: S. Messelt Reported by: S. Messelt

HISTORY

MILESTONE DATES:
 Installation 1978 First Beam 1979
 DESIGN/CONSTRUCTION BY: Scanditronix
 COST: Accelerator 6 M NOK Facility 5 M NOK
 FUNDED BY: University and Research Council

STATUS

STAFF: Operators 2 Technicians 2
 BUDGET: Machine 1 M NOK Funded by Univ. Res. Coun.

TIME DISTRIBUTION: (e.g. basic research, isotope production, maintenance, etc.)

(a) Basic research	70	%
(b) Isotope prod.	20	%
(c) Maintenance	10	%
(d)		%
(e)		%

CHARACTERISTIC BEAMS

Accelerated Ions	E/A (MeV/u)	Current(part μ A)	
		Internal	External
(a) p	10-35		
(b) d, ^3He , ^4He			

1991 μ A-hours on target: 2200

FACILITIES

SHIELDED AREA: Fixed 150 m² Moveable m²
 Target Stations: 4 No. Served At Same Time: 1
 OTHER FACILITIES:

REFERENCES/NOTES

(a) Annual Report, Nucl. Phys. Group, 1991
 (b)

PLAN VIEW OF FACILITY, COMMENTS

ENTRY NO. CU69 Date
 Cyclotron Model TCC Model CS-30
 Institution King Faisal Specialist Hospital & Research Centre
 Address P.O. Box 3354, Riyadh 11211, Saudi Arabia
 Tel 464-7272 Ext. 1770 Telex 401050 RYSPEC SA
 Fax 0-966-1-441-4839 EMAIL
 In Charge: Edward D. Carroll Reported by: Salman Milliebari

HISTORY

MILESTONE DATES: March
 Installation Factory Test/1977 First Beam October 1981
 DESIGN/CONSTRUCTION BY: The Cyclotron Corporation
 COST: Accelerator Facility
 FUNDED BY: Government of Saudi Arabia

STATUS

STAFF: Operators 4 Technicians 1
 BUDGET: Machine Funded by

TIME DISTRIBUTION: (e.g. basic research, isotope production, maintenance, etc.)

(a) Isotope Production	75	%
(b) Neutron Therapy	20	%
(c) Maintenance	5	%
(d)		%
(e)		%

CHARACTERISTIC BEAMS

Accelerated Ions	E/A (MeV/u)	Current(part μ A)	
		Internal	External
(a) p	26	200	60
(b) d	7	300	100
^3He	13	135	60
^4He	7	90	50

1991 μ A-hours on target:

FACILITIES

SHIELDED AREA: Fixed 190 m² Moveable 0 m²
 Target Stations: 9 No. Served At Same Time: 1
 OTHER FACILITIES:

Isotope production
 Isocentric neutron production

REFERENCES/NOTES

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

PLAN VIEW OF FACILITY, COMMENTS

