

ENTRY NO. CU79 Date 10 July 1992
Cyclotron Model .. CP42
Institution .. AMERSHAM INTERNATIONAL plc
Address White Lion Road, Amersham, HP7 9LL
Tel 01494 54 3317 Telex ACTIVLG
Fax 01494 54 3249 E-MAIL
In Charge: Neil Rowley Reported by: Dewi M Lewis

HISTORY

MILESTONE DATES:

Installation ..1980..... First Beam ..1981.....
DESIGN/CONSTRUCTION BY: ..CYCLOTRON CORP.....
COST: Accelerator ..US\$ 2M..... Facility
FUNDED BY: ..UK ATOMIC ENERGY AUTHORITY.....

STATUS

STAFF: Operators6..... Technicians4.....
BUDGET: Machine Funded by Commercial
TIME DISTRIBUTION: (e.g. basic research, isotope production, main-
tenance, etc.)
(a) ..Isotope Production.....65..%
(b) ..Maintenance.....35..%
(c)%
(d)%
(e)%

CHARACTERISTIC BEAMS

		Current (part μ A)	
Accelerated Ions	E/A (MeV/u)	Internal	External
(a) p	42	260	250 max
(b) p	30	340	320 max
p	11	150	

1994 μ A-hours on target:

FACILITIES

SHIELDED AREA: Fixed: m² Moveable m²
Target Stations:2.... No. Served At Same Time: ...1.....
OTHER FACILITIES:

..... REMOTE CONTROLLED TARGETS
..... COMPUTER AUTOMATED TOTAL SYSTEM
.....

REFERENCES/NOTES

(a)
(b)

PLAN VIEW OF FACILITY, COMMENTS

ENTRY NO. CU80 Date 10 July 1992
Cyclotron Model MC-40 Mk2
Institution ..Amersham International plc.....
Address White Lion Road, Amersham, HP7 9LL
Tel 01494 54 3317 Telex ACTIVLG
Fax 01494 54 3249 E-MAIL
In Charge: Neil Rowley Reported by: Dewi M Lewis

HISTORY

MILESTONE DATES:

Installation ..1986..... First Beam ..1986.....
DESIGN/CONSTRUCTION BY: ..SCANDITRONIX AB.....
COST: Accelerator approx £1.5M Facility
FUNDED BY: ..Commercial.....

STATUS

STAFF: Operators6..... Technicians4.....
BUDGET: Machine Funded by
TIME DISTRIBUTION: (e.g. basic research, isotope production, main-
tenance, etc.)
(a) ..ISOTOPE PRODUCTION.....65..%
(b) ..MAINTENANCE.....35..%
(c)%
(d)%
(e)%

CHARACTERISTIC BEAMS

		Current (part μ A)	
Accelerated Ions	E/A (MeV/u)	Internal	External
(a) p	11 - 35.5		
(b)	33.5	250	max

1994 μ A-hours on target:

FACILITIES

SHIELDED AREA: Fixed: m² Moveable m²
Target Stations:2.... No. Served At Same Time: ...1.....
OTHER FACILITIES:

..... AUTOMATED CYCLOTRON
..... REMOTE CONTROL TARGETS
.....

REFERENCES/NOTES

(a)
(b)

PLAN VIEW OF FACILITY, COMMENTS