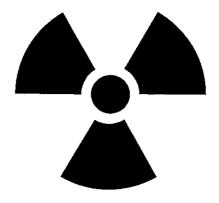


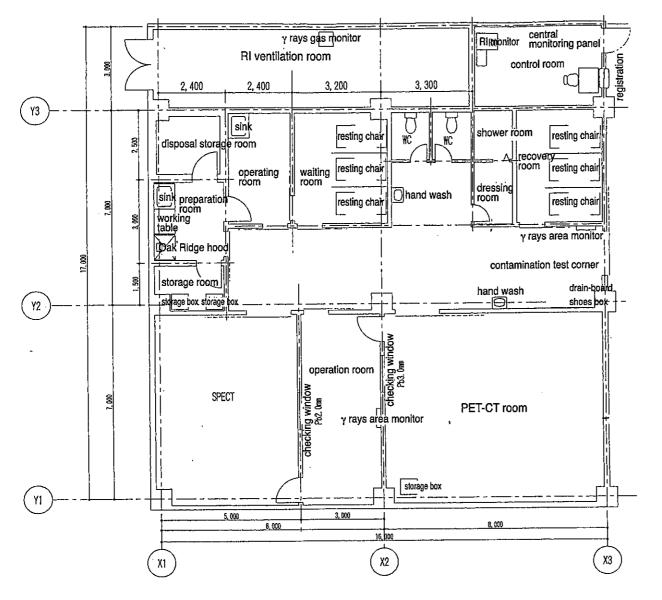
Reference Data for RI Radiation Facilities





Presented by Sangyo Kagaku Co., Ltd.

Recommended PET and SPECT Operating Facilities (overview drawing)



Fireproof Construction for Storage Rooms for Stored and Disposed Materials

The doors must be a kind of a regulated special fireproof door with lock mechanism.

(Points of Note for Selection of Finishing Materials)

- (1) use waterproof and chemical-proof materials.
- (2) the materials should be hard to be contaminated and easy to be cleaned.
- (3) use inflammable materials
- (4) the materials should have high mechanical strength.
- (5) use materials hard to corrode and infiltrate with water and vapor
- (6) the materials should have no projections, depressions or crevice on the surface.

(Samples for Recommended Lining Materials)

Wall: (1) vinyl chloride resin made washable paints, which are, as an anti-radio active paint, widely used in the RI operating facilities.

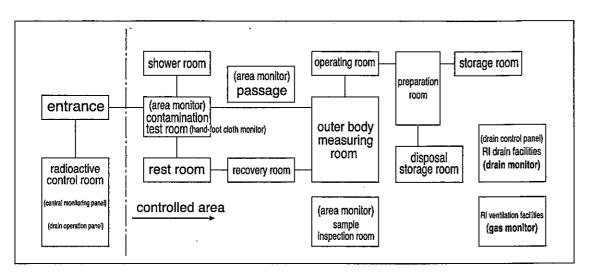
- (2) vinyl chloride resin based enamel
- (3) epoxy based anticorrosive paint

Floor: (1) non-saturated polyester resin based lining material

- (2) bisphenol based non-saturated polyester made lining material
- (3) epoxy resin made lining material
- (4) vinyl chloride made long sticking flooring material with welding joint

Others: (1) no tile laying on the sink and in a restroom

RI monitoring system



model name	power consumption	outside dimensions(WxDxH)	weight(kg)
γ rays drain monitor		970×1000×1100	360
β rays drain monitor		750×1000×1100	360
γ rays gas monitor		547× 428× 790	£ 70
β rays gas monitor		547× 428× 940	130
γ rays area monitor	from central control panel	620× 250× 220	10
hand-foot cloth monitor		480× 860×1530	70
central monitoring panel SK-1501		564× 400×1450	50
drain control panel	AC200V10kVA AC100V 4kVA	1000× 610×2000	180
drain operation panel	power received from the above	700× 400×1400	50

