

CAUTION PLACARD AT NUCLEONIC GAUGE INSTALLATIONS - SPECIFICATIONS

At each NG installation, a caution placard should be provided with appropriate legends inscribed on it. The relevant specifications are listed below:

- (a) The caution placard shall be made up of metal.
- (b) The placard shall be fixed on to a permanent structure within a distance of 300 mm from the gauge.
- (c) Sufficient number of placards shall be installed so that any person approaching the gauge from any direction would be able to see a placard and be cautioned.
- (d) The size of the placard shall be adequate to contain the inscriptions prescribed below in the required languages and it shall not be less than 300 mm x 300 mm.
- (e) The position for fixing the placard shall be so selected that there are no physical obstructions to reading it.
- (f) The inscription on the placard shall be in conformity with the following provisions:

- (i) The placard shall carry a legend reading:

RADIATION KEEP AWAY

RADIOACTIVE SOURCE WITHIN THE GAUGE: (e.g. ^{60}Co)

ACTIVITY OF THE SOURCE: Ci/Bq AS ON: (date)

(For X-ray gauges) THIS DEVICE GENERATES RADIATION WHEN ENERGIZED - KEEP AWAY

FOR WORKING NEAR THE GAUGE PRIOR PERMISSION FROM THE RSO SHOULD BE OBTAINED

IN EMERGENCY CONTACT :.....(Name)

..... (Telephone)

- (ii) The inscription shall be in all languages (English, Hindi and Regional language) as deemed necessary at the plant.
- (iii) The inscriptions shall be painted on the metal placard.
- (iv) The size of any letter/character in the inscription shall not be less than 25 mm.
- (v) A radioactivity /X-ray symbol shall also be painted alongside the legend.
- (vi) The radioactivity symbol shall be in conformity with the international standards, viz. and a circle within a trefoil in magenta colour against yellow background.

The caution placard shall also be displayed at the entrance door of the source storage room and at other appropriate locations outside source storage room.