

“Summary Development of Electric Steam Type Dryer for Radiation Controlled Area”
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Several troubles were incurred due to insufficient performance of the dryer for the radiation controlled area goods. To improve the drying performance and supply the effective working, development of Electric Steam type dryer focused on the decrease of radioactive waste amount generated by abrasion and damage has been performed.

By enlarging the use of developed dryer,

- It is possible to dry without damage by heat because it is not heater but steam type.
- Cotton gloves and cotton socks from radiation controlled area can be dried perfectly without deformation.
- Testing on the proper temperature and saturated humidity in order to be applied to the recycling protectors such as rubber gloves, rag for removing pollution, etc. are possible.

We can conclude,

- Working surrounding is improved by the shortened working clothes drying time.
- Working clothes' abrasion and damage are minimized.
- The particulate pollution is prevented by the improvement of the filter.
- The improvement of protecting equipment in the radiation controlled area is led by preventing fire risk.