

**PHYSICS DIVISION
QUALITY ASSURANCE PLAN
RECEIPT INSPECTION INSTRUCTION
Disposable Personal Protective Equipment for Radiological Work**

Recommended by: _____
P. E. Mueller, Physics Division Radiological Control Officer

Reviewed by: _____
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Approved by: _____
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Inspection Sampling Plan

Disposable Lab Coats: usual unit of issue is either 25 or 30 lab coats per case.

- 25 per case – inspect 5 lab coats
- 30 per case – inspect 6 lab coats

Sample size: 1/5

Should a lot or batch have one (1) of the lab coats fail inspection, 50% of the remaining un-inspected lab coats shall be inspected. Should a second lab coat fail inspection, all previously un-inspected lab coats shall be inspected.

Inspection Method

The attributes of concern for inspection of the disposable lab coats are the material integrity, fabrication workmanship and any other requirements imposed by the purchase order. All attributes are to be determined by visual inspection.

Material Integrity

1. Material may have flaws which should be examined for acceptability. If in doubt, contact a Radiological Control Technician for a technical opinion on the acceptability of the lab coats.

Fabrication Workmanship

1. Inspect lab coats for general quality of construction, looking for rips, bad seams, and anything that could allow contamination of the wearer. If in doubt, contact a Radiological Control Technician for a technical opinion on the acceptability of the lab coats.

Cases of lab coats awaiting inspection shall be tagged due for inspection.

Acceptable lab coats shall be folded, returned to the case, and the case tagged acceptable.

The inspection will be documented and a copy provided to the Physics Division Procurement Specialist who placed the order.

Rejected lab coats shall be tagged rejected, and a Non-Conformance Report shall be completed. Rejected lab coats shall be returned to the vendor or disposed of, as appropriate.