



Mask. *Tested*

SGS PPE Inventory Solutions

ENSURE PPE STOCKPILES ARE READY FOR USE WHEN YOU NEED THEM MOST





COVID-19 has demonstrated the importance of holding stocks of personal protective equipment (PPE), but it has also highlighted the failings in many PPE stockpile strategies.

PERSONAL PROTECTIVE EQUIPMENT

- Source control masks
- Non-surgical medical masks
- Surgical masks
- N95 respirators
- Surgical/isolation gowns
- Surgical/examination gloves
- Face shields/goggles

Fighting a national health emergency like COVID-19 requires large and replenished stockpiles of effective PPE.

STOCKPILE FAILURES

The global response to COVID-19 has demonstrated a lack of preparedness in the PPE stockpiling strategies of many organizations. Insufficient volumes, inaccurate inventories, and expired or poor-quality PPE, have all contributed to higher infection rates among health professionals.

Remediation strategies during the pandemic have often proved to be unsatisfactory: using expired or non-approved PPE, or the hasty acquisition of PPE that was often found to be inefficient and/or overpriced.

PPE stockpile deficiencies are caused by:

- Poor-quality PPE
- Expired PPE
- Improper environmental storage conditions
- Inaccurate inventories

SOLUTIONS

SGS has developed a complementary set of solutions to help commercial, governmental, and medical organizations ensure their strategic PPE stockpiles are ready for use in the event of another negative impact event.

STOCKPILE SITE EVALUATIONS (SSE)

A physical review of PPE items and the conditions in which they are stored. An SGS inspector will evaluate facility's storage area to ensure the PPE is being stored correctly.

They will also evaluate the condition of the stockpiled PPE, check inventories, and look for signs of mislabeling, mold and physical deterioration.

The SGS inspector will also select samples for further laboratory analysis using the lot quality assurance sampling (LQAS) method.

LABORATORY EFFICACY ASSESSMENT OF PPE (LEAP)

PPE samples are sent to a fully accredited SGS laboratory for further analysis against key applicable industry consensus standards and methods.

Example: Disposable mask can be assessed for the following:

- Particulate and/or Bacteria Filtration Efficiency
- Breathability
- Fluid Resistance
- Mold

LEAP testing strategies are comprehensive and tailored to each type of PPE:

- Disposable masks (surgical and non-surgical)
- Respirators (non-surgical and surgical)
- Gowns:
 - Non-surgical (AAMI/PB70 Level 1 & 2)
 - Surgical (AAMI/PB70 3 & 4)
- Gloves:
 - Examination (Nitrile, Poly(vinyl chloride), Polychloroprene, Rubber)
 - Surgical
- Face shields

Regular LEAP evaluations are recommended to ensure PPE remains effective while in storage.

WHY CHOOSE SGS?

- Global network of experienced inspectors
- State-of-the-art laboratories in all territories
- High level knowledge of PPE and regulatory standards
- Global reputation for integrity and quality

CONTACT US

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WHEN YOU NEED TO BE SURE

SGS