Perma-Con®

Turnkey Containment Systems

M4 Environmental Management, Inc. Quantum-CEP™ Process Containment System by NFS-RPS

We Build Solutions...

Systems Engineering · ALARA Tools · Engineering Controls

NFS-RPS
RADIATION PROTECTION SYSTEMS

NFS-RPS
RADIATION PROTECTION SYSTEMS
60 LEONARD DRIVE
GROTON, CT 06340
(860) 445-0334   FAX: (860) 446-1876

COST EFFECTIVE

Modular Containment Systems are more cost effective than other temporary solutions when man-hours for erection and tear-down, reusability and durability are considered.

SIMPLE TO ERECT

Systems are ready to use and assemble quickly using the Patented quarter-turn Kelly Locking key.

VERSATILE

Options include windows, skylights, doors, custom adapter panels and AV camera systems for remote monitoring and exposure reduction.

STRONG

Perma-Con® panels have steel frames with stainless steel sheathing. Seismically qualified systems are available to meet most site criteria.
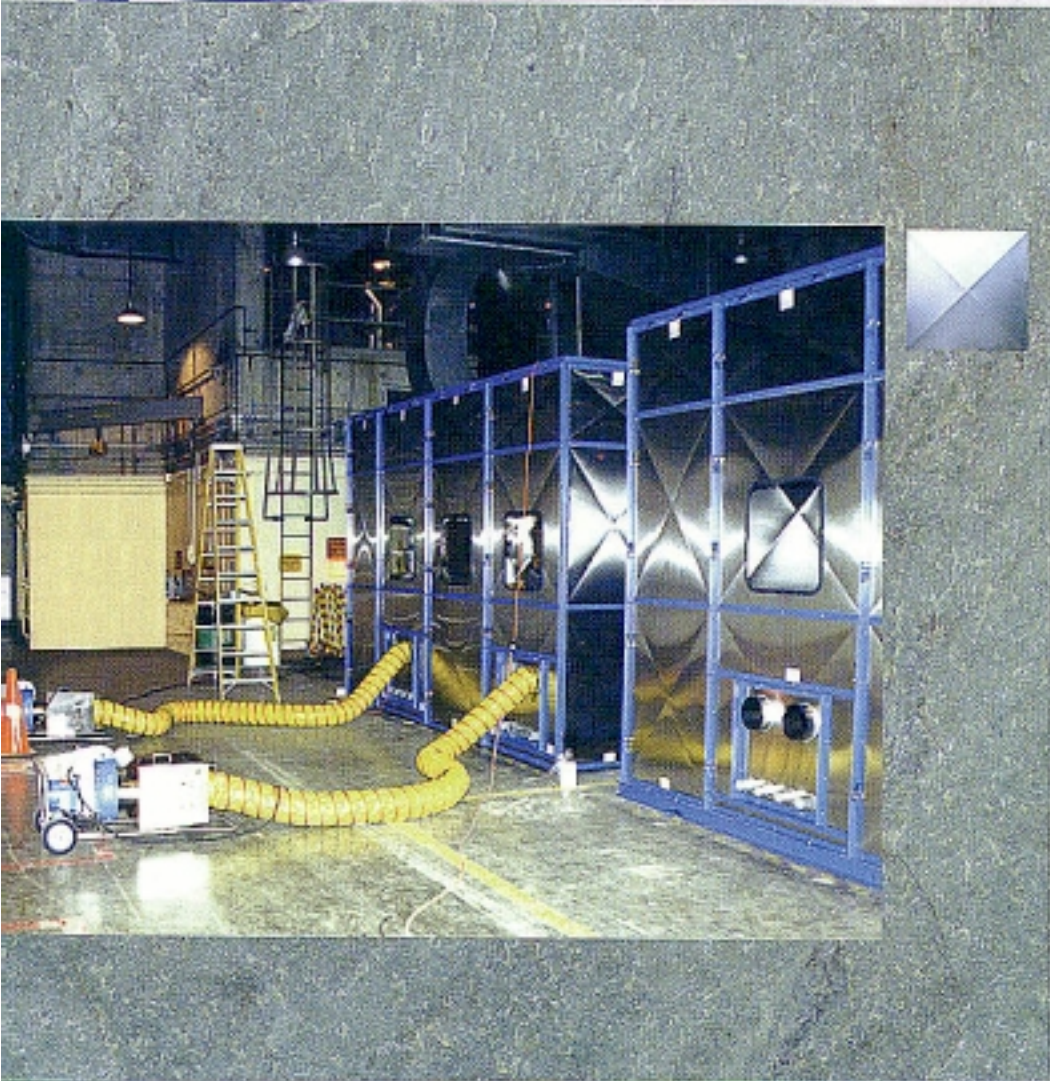
EASY TO CLEAN

Stainless steel interior surfaces allow for easy removal of contaminants.

REUSABILITY REDUCES COST & WASTE

Panel durability and complete interchangeability allow panels to be assembled into many different configurations and reused, not disposed of as waste.

ENCLOSURES FOR:

- Process Containments
- Laboratories
- Waste Sorting & Recovery
- Decontamination Facilities
- HazMat Storage
- Asbestos
- Change Rooms
- Tank Access
- Radioactive Materials

PERMA-CON® Systems are engineered for your specific application. NFS-RPS can supply HEPA filtration systems, ducting, HVAC, custom flooring, lab hoods, waste hoods and other equipment to support your requirements.

PERMA-CON MODULAR CONTAINMENT SYSTEM

NF RPS RADIATION PROTECTION SYSTEMS with 30 years' experience in contamination control, has joined forces with Kelly Klosure Systems, the established leader in modular buildings, to create the **PERMA-CON** containment system.

The **PERMA-CON** modular containment system consists of stainless steel modular panels which lock together with the patented Kelly interlocking key to form a rigid enclosure.

● SOLID CONSTRUCTION

Modules consist of steel frame with a choice of panel arrangements, including stainless steel (with or without transparent portholes), and specially designed panels containing appropriate fittings to provide for ventilation, service connections, obstruction adaptors, and waste/tools transfer. Door panels are fitted with gravity controlled dampers to allow for makeup air flow.
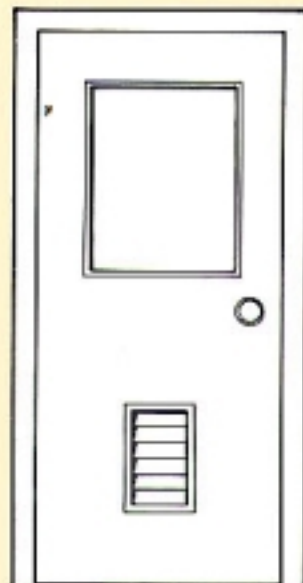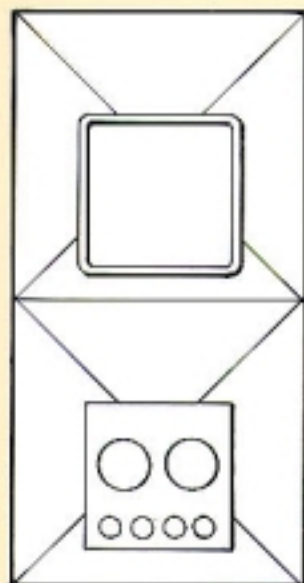
● READY TO USE

The modular panels are all factory assembled, thus eliminating on-site fabrication costs. Typical erection time for an 8' x 16' x 8' high enclosure is under one hour.

Standard PERMA-CON Parts

RPS Part No.	Weight	Description
RPS-CE-00001	44 lbs.	4' x 4' Panel
RPS-CE-00002	77 lbs.	4' x 8' Panel
RPS-CE-00003	112 lbs.	4' x 12' Panel
RPS-CE-00004	26 lbs.	2' x 4' Panel
RPS-CE-00005	48 lbs.	2' x 8' Panel
RPS-CE-00006	71 lbs.	2' x 12' Panel
RPS-CE-00007		Door Panel w/Window & Shutter
RPS-CE-00008		2' x 2' Acrylic Porthole
RPS-CE-00009		Transfer Panel 26" x 26" w/one to six round access ports
RPS-CE-00010	2½ lbs.	2' Erection Angle
RPS-CE-00011	5 lbs.	4' Erection Angle
RPS-CE-00012	10 lbs.	8' Erection Angel
RPS-CE-00013	5 lbs.	Airlock Adapter Angle - 4'
RPS-CE-00015		Obstruction Adapter Bar - 2'
RPS-CE-00016		Obstruction Adapter Bar - 4'
RPS-CE-00017		Obstruction Adapter Bar - 8'
RPS-CE-00022		12' Erection Angle
RPS-CE-00023		16' CEE Stiffback Assy.
RPS-CE-00024		20' CEE Stiffback Assy.
RPS-CE-00021		Locking Key
RPS-CE-00026		3' Hinge Assembly
RPS-CE-00031		Fire Exit Panel
RPS-CE-00032		Roof Opening Mechanism (Pair)
RPS-CE-00033		Leveling Posts
RPS-FK-00001		Light Package Assembly

PERMA-CON® MODULAR PANEL BUILDING SYSTEMS

Panel technology achieves simplicity in a modular, user friendly system of prefabricated, engineered systems delivered to the project site ready to use.

TURNKEY SYSTEMS We offer complete systems for applications such as; Waste Sorting/Recovery, Decontamination, Containments, HazMat, D&D, Storage, Clean Rooms.

WASTE VOLUME REDUCTION Systems are easily cleaned and stored after use and can be reconfigured for other applications.

QUICK ASSEMBLY Our modular panel building systems can be assembled in a fraction of the time it takes to erect similar enclosures using conventional construction methods.

VERSATILITY Perma-Con® systems have been provided as turnkey solutions for many applications in sizes ranging from 4' wide x 8' long x 8' high, up to clear span structures measuring 36' wide x 24' high x 80' long. Internal supports allow larger structures.

FLEXIBILITY Systems can be assembled with: differing roof heights, roof openings, internal room partitions, floor & deck options, lighting, air cleaning, electrical and HVAC systems.

STRUCTURAL CODE COMPLIANCE Designs are available that will meet the Uniform Building Code (UBC) and site specific seismic qualification criteria. In unanchored configurations, the units meet "temporary" structure definitions.

NO PRE-ASSEMBLY REQUIRED Systems are delivered complete and ready for immediate use. Each panel incorporates features specified during design, such as doors, windows, electrical panels, wall penetrations, etc.

STANDARD DESIGN FEATURES Include: roof openings, windows, roof skylights, removable wall panels, hinged wall panels, roll-up doors, double wide doors, electrical distribution kits, floor sump tanks or plates, grated decks, moveable building assemblies.

ACCESSORIES HEPA air cleaning systems, remote operated video/audio systems, decon systems, weather protection shelters.

DESIGN SERVICES Work with our experienced engineering team for resolution of your site specific requirements.

Visit our Web Catalog at "www.nfsrps.com"

NFS-Radiation Protection Systems, Inc.

RADIATION PROTECTION SYSTEMS
60 LEONARD DRIVE
GROTON, CT 06340
(860) 445-0334   FAX: (860) 446-1876

NFSRPS
RADIATION PROTECTION SYSTEMS

KELLY KLOSURE SYSTEMS