WORK PLAN FOR THE PHASE III INTERIM REMEDIAL MEASURE SYSTEM IN OPERABLE UNIT 4

Sunnyside Yard
Queens, New York

March 21, 1997

Prepared for:

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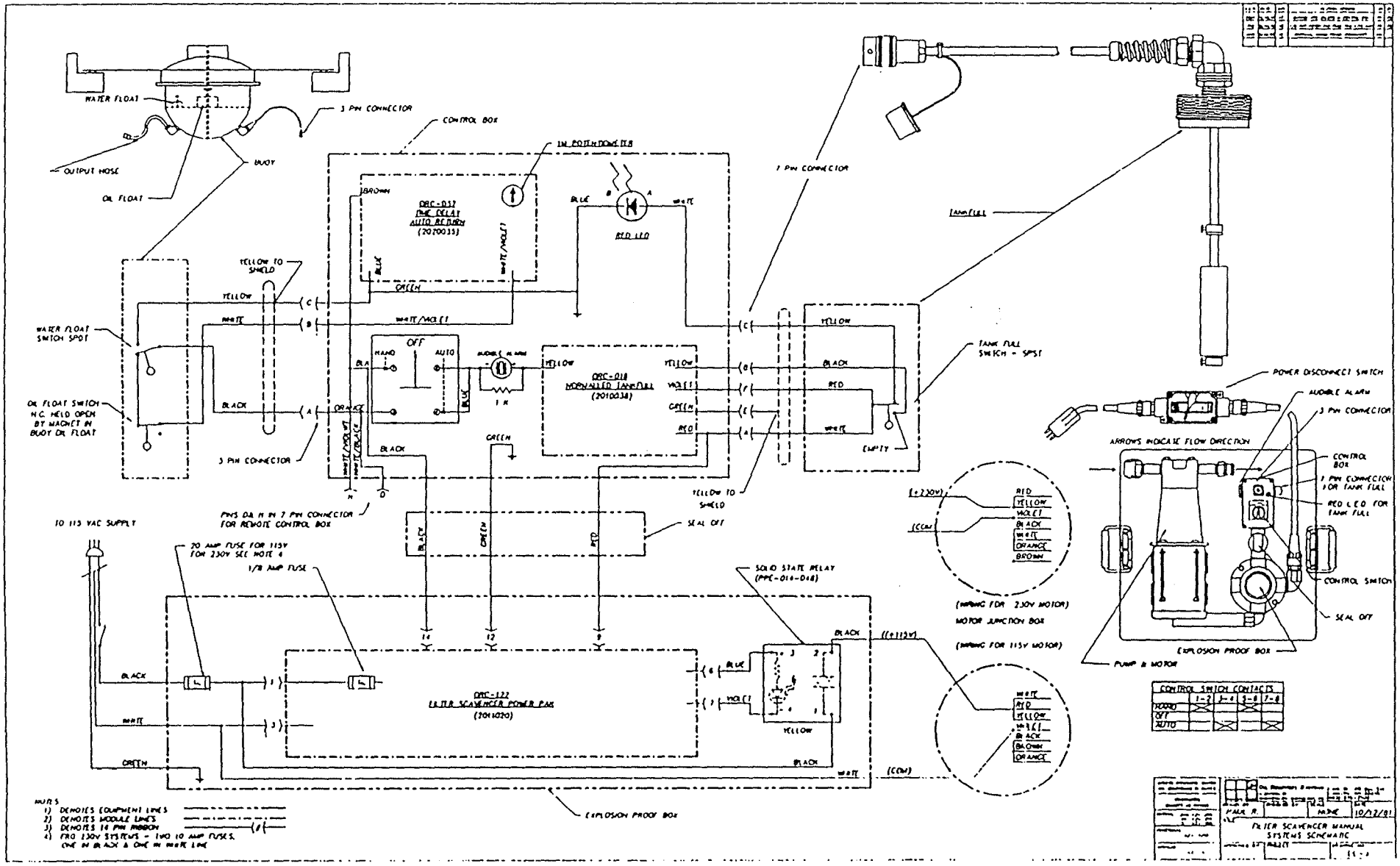
ROUX

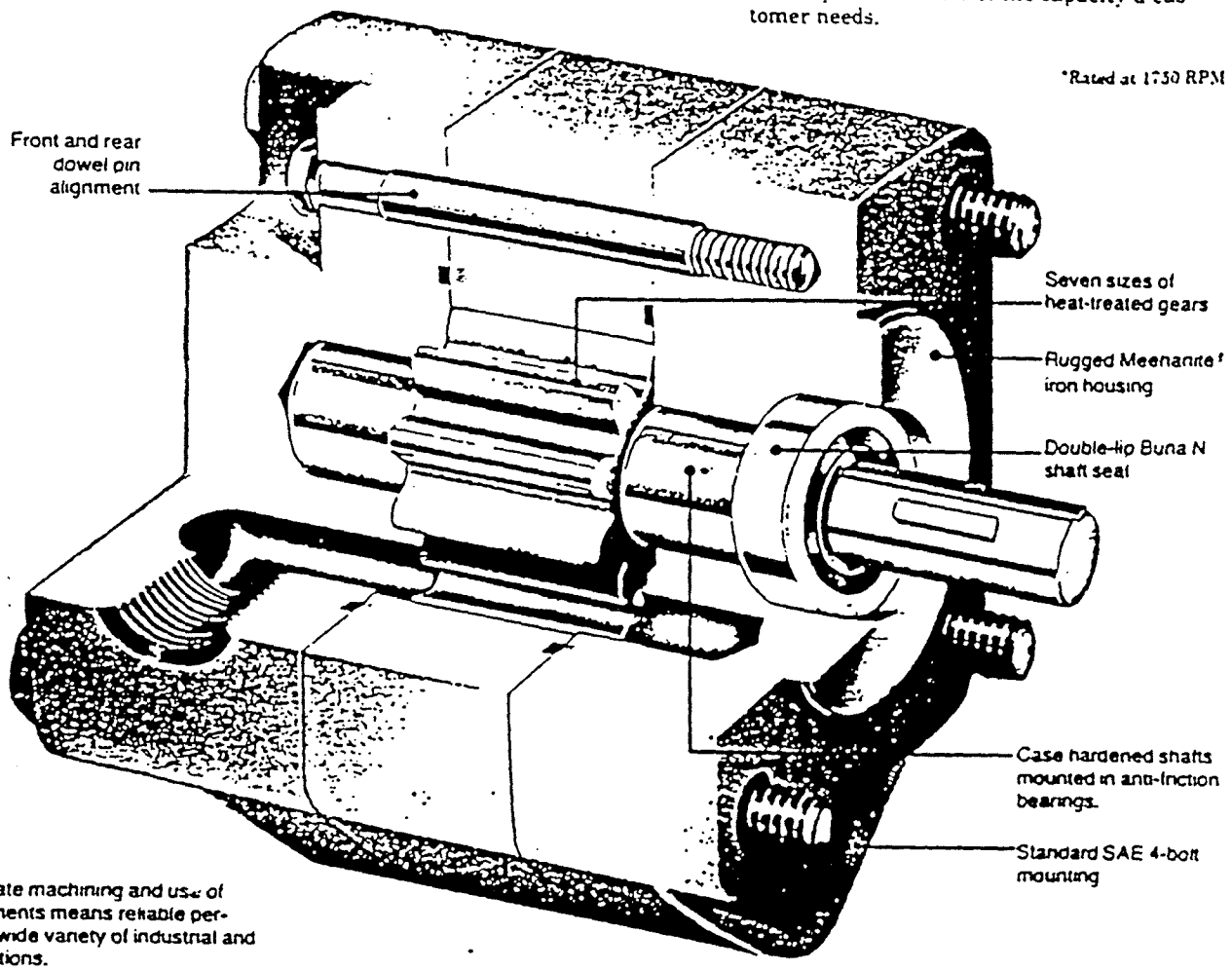

WATER FLOAT
3 PIN CONNECTOR
CONTROL BOX
OUTPUT HOSE
BUOY
OIL FLOAT
ORC-033
TIME DELAY
AUTO RETURN
(20700033)
RED LED
7 PIN CONNECTOR
TANK FULL
YELLOW TO SHIELD
WATER FLOAT SWITCH SPDT
OIL FLOAT SWITCH N.C. HELD OPEN BY MAGNET IN BUOY OIL FLOAT
HAND
OFF
AUTO
ORC-018
MOON ALLEY TANK FULL
(20100038)
TANK FULL SWITCH - SPST
EMPTY
POWER DISCONNECT SWITCH
AUDIBLE ALARM
3 PIN CONNECTOR
ARROWS INDICATE FLOW DIRECTION
CONTROL BOX
7 PIN CONNECTION FOR TANK FULL
RED L.E.D. FOR TANK FULL
CONTROL SWITCH
SEAL OFF
EXPLOSION PROOF BOX
PUMP & MOTOR
PINS DA H IN 7 PIN CONNECTOR FOR REMOTE CONTROL BOX
TO 115 VAC SUPPLY
20 AMP FUSE FOR 115V FOR 230V SEE NOTE 4
1/8 AMP FUSE
SOLID STATE RELAY (PPC-016-048)
ORC-122
FILTER SCAVENGER POWER PAK
(20110120)
(+230V)
(COM)
(WIRING FOR 230V MOTOR)
MOTOR JUNCTION BOX
(WIRING FOR 115V MOTOR)
(+115V)
CONTROL SWITCH CONTACTS
HAND
OFF
AUTO
NOTES
1) DENOTES EQUIPMENT LINES
2) DENOTES MODULE LINES
3) DENOTES 14 PIN RIBBON
4) PRO 230V SYSTEMS - TWO 10 AMP FUSES, ONE IN BLACK & ONE IN WHITE LINE
FILTER SCAVENGER MANUAL
SYSTEMS SCHEMATIC
10/22/91

HYDRAULIC GEAR PUMP
GP-05 SERIES

SEVEN SIZES AVAILABLE FROM 0.7 to 5.6 GPM*

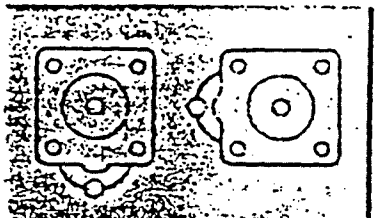
The fixed displacement hydraulic gear pumps have been designed so capacities increase in even increments of 40%. Thus, a Viking pump is always within 20% of the capacity a customer needs.

*Rated at 1750 RPM

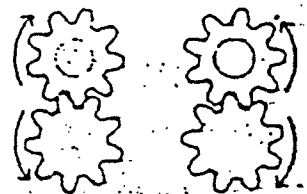


Viking's accurate machining and use of quality components means reliable performance in a wide variety of industrial and mobile applications.

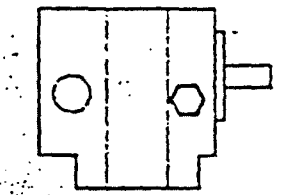
PUMP FEATURES



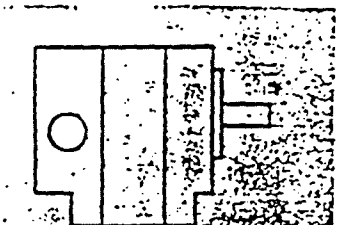
90° POSITIONING
Pump can be mounted in any of four 90° positions, giving the option of horizontal or vertical porting.



ROTATION
Standard pumps are available in either clockwise (CW) or counter-clockwise (CCW) rotation. Bi-directional pumps are available as an optional feature.



OPTIONAL SAFETY RELIEF VALVE
Adjustable, integral, direct-operating safety relief valve can be provided for pressure up to 1000 PSI.
Consult factory for higher pressure requirements.



USE AS A MOTOR
Pumps can be used as hydraulic motors providing mechanical energy in a variety of mobile or industrial applications.

ENR Dead Front Delayed Action Circuit Breaking Receptacles▲ ENP Plugs General Purpose

Ark•Gard 2™ Factory-Sealed Class I, Groups B,C,D† Class II, Group G Class III NEMA 7BCD, 9G

Crouse Hinds

Application:

ENR receptacles and ENP plugs are used:
- with portable electrical equipment such as compressors, tools, lighting systems, and similar devices
- in areas made hazardous by the presence of flammable vapors and gases or combustible dusts
- wherever portable electrical equipment is likely to be transferred from hazardous to nonhazardous areas
- in damp and corrosive areas
- when power requirements do not exceed 20 amperes
- where general purpose application is required

Features:

- Ark-Gard 2 ENR receptacle incorporates three spring-loaded slide keys that prevent the receptacle face plate from being rotated until the ENP plug is fully inserted into the receptacle. To make the connection, the ENP plug is fully inserted; and the receptacle face moved inward by pushing the plug forward (Fig 1). The plug is then rotated, (Fig 2), closing the circuit. As rotation begins, the plug becomes locked in the receptacle and cannot be accidentally disengaged. In making or breaking the circuit, any resulting electrical arc is confined in the factory-sealed chamber
- Factory-sealed chamber encloses the potential arcing components between two explosion-proof threaded joints. These threads are specially coated to guarantee freedom of movement, which ensures on-off action. No additional seals are required
- One piece molded gasket seals cover plate and ENP plug when plug is inserted, providing full environmental protection at the receptacle face
- Top-hinged cover design with 45° downward angle provides superior protection in damp, wet, and dirty locations
- Molded-in contact design provides superior interior contact reliability
- ENP plugs can be used in nonhazardous areas with standard U-ground NEMA configuration 5 and 6 receptacles, eliminating the need for two separately equipped portable units of the same type. The ENR receptacle will not accept standard NEMA configuration plugs
- ENP plug handle body is designed with an internal cord strain relief mechanism and a cable sealing grommet which will accept various cable diameters
- Field assembly is accomplished with standard tools

Grounding:

- NEC Article 501 requires that metal frames or exposed non-current-carrying metal parts of portable devices used in hazardous locations be grounded through an extra conductor in the portable cord. ENR receptacles and ENP plugs are provided with an extra grounding pole

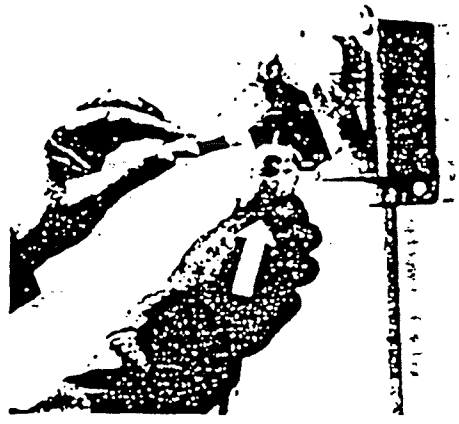


Figure 1

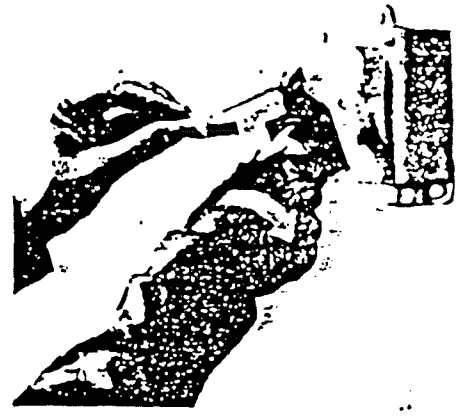


Figure 2

Standard Materials:

- Receptacle housing, spring door and plug body—die cast copper-free aluminum
- Interiors: receptacle—Krydon™ fiber glass reinforced polyester; plugs—Nylon 100
- Contacts: receptacle blade—brass; receptacle switch—silver; plug—brass
- Receptacle cover hinge pin and spring—stainless steel
- Receptacle gasket—neoprene
- Plug bushing—neoprene

Standard Finishes:

- Copper free aluminum—aluminum cellulose lacquer
- Brass—natural

Electrical Rating Ranges:

- Receptacles—20 amperes: 125 vac and 250 vac
- Plugs—15 amperes: 125 vac and 250 vac
  20 amperes: 125 vac and 250 vac

Compliances:

- NEC: Class I, Groups B,C,D†
  Class II, Group G
  Class III
- UL Standard 1010
- NEMA 7BCD, 9G

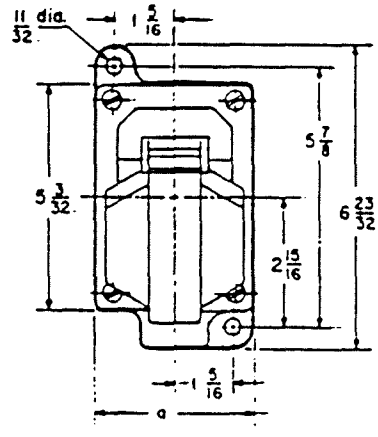
Options:

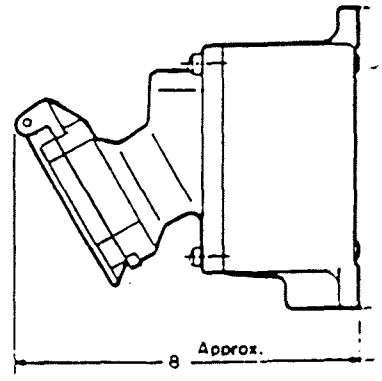
- Corro-free™ epoxy powder finish for receptacle housing only—add suffix S602 to the Cat. No.

▲ Denotes revision

† Single gang receptacle units can be modified for Class 1, Group B usage. Add suffix B to the Cat. No. Example ENRB11201. Seals must be installed immediately adjacent to each conduit opening.

Dimensions





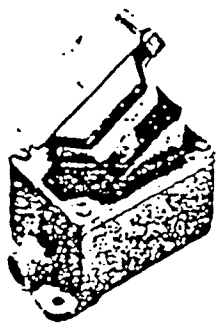
a = 3 1/2 for single gang; 7 3/16 for two gang

2P-4.2

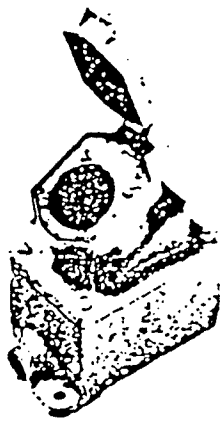
Crouse-Hinds

ENR Dead Front Delayed Action Circuit Breaking Receptacles▲ ENP Plugs General Purpose

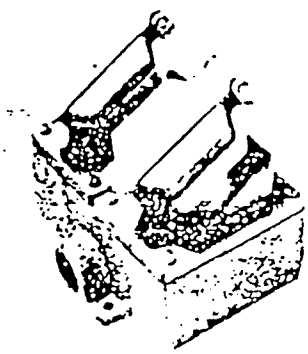
Ark-Gard 2™
Factory Sealed
Class I, Groups B,C,D†
Class II, Group G
Class III
NEMA 7BCD, 9G



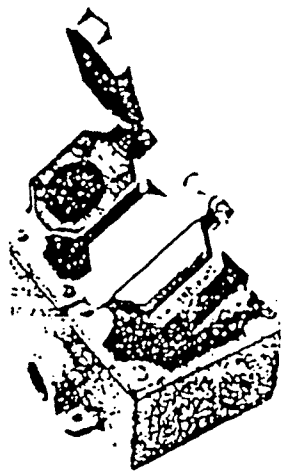
ENR single gang dead end assembly



ENR single gang dead end assembly with spring door open



ENR two gang dead end assembly



ENR two gang dead end assembly with one spring door open

ENR receptacle only, with spring door open

ENP plug

Receptacle Rating	Description	Hub Size	Single Gang Receptacle Assembly Cat. # ‡	Two Gang Receptacle Assembly Cat. # ‡	Receptacle Unit Only Cat. #	NEMA Config.	15 Amp Plug Cat. #	NEMA Config.	20 Amp Plug Cat. #	NEMA Config.
20 amp, 125 volt	Dead End	1/2	ENR11201	ENR12201	ENR5201	5-20R	ENP5151	5-15P	ENP5201	5-20P
		3/4	ENR21201	ENR22201						
		1	ENR31201	ENR32201						
	Through Feed	1/2	ENRC11201	ENRC12201						
		3/4	ENRC21201	ENRC22201						
		1	ENRC31201	ENRC32201						
20 amp, 250 volt	Dead End	1/2	ENR11202	ENR12202	ENR6202	6-20R	ENP6152	6-15P	ENP6202	6-20P
		3/4	ENR21202	ENR22202						
		1	ENR31202	ENR32202						
	Through Feed	1/2	ENRC11202	ENRC12202						
		3/4	ENRC21202	ENRC22202						
		1	ENRC31202	ENRC32202						

▲Denotes revision
† Single gang receptacle units can be modified for Class 1, Group B usage. Add suffix B to the Cat. No. Example: ENRB11201. Seals must be installed immediately adjacent to each conduit opening.
‡With EDS, EDSC back boxes

August 1977