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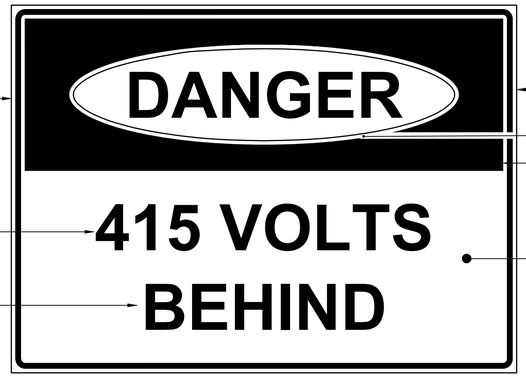
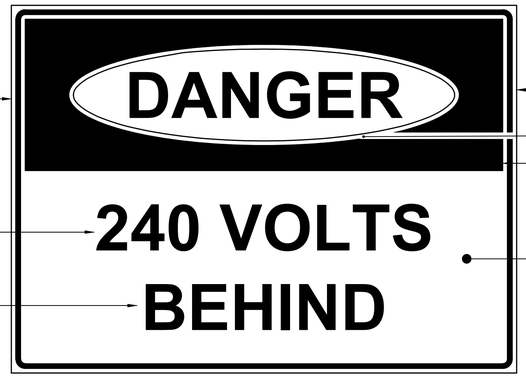
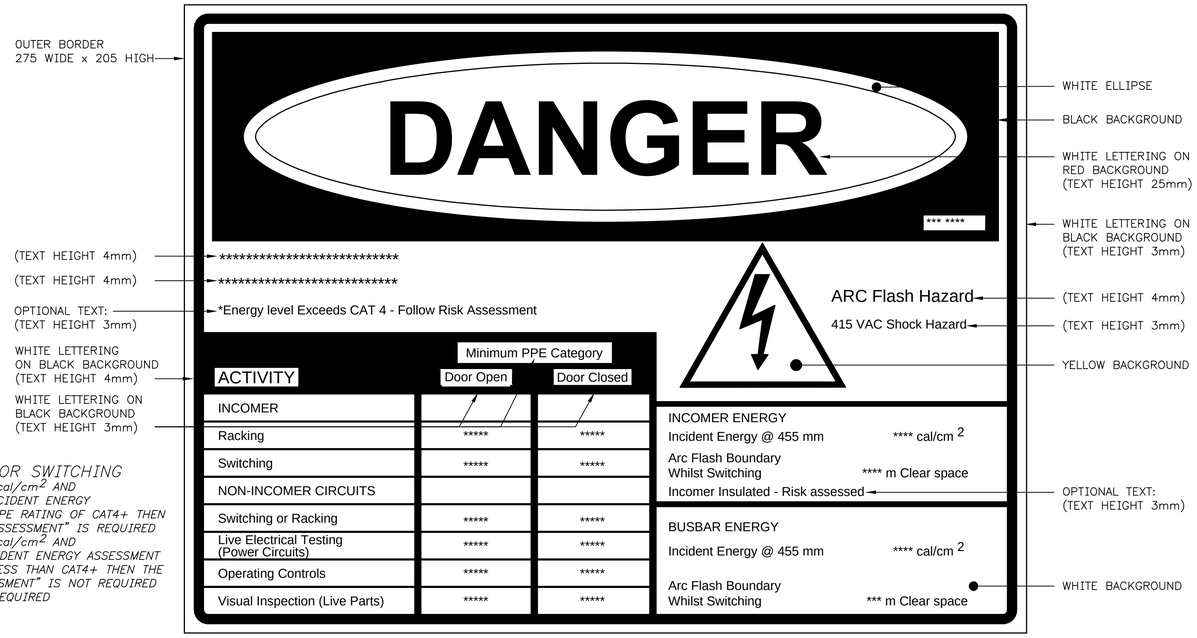


DANGER 415 VOLTS SIGN (SAFETY SIGN SERVICES, PART No SSWC008)
MANUFACTURED FROM WHITE SELF ADHESIVE VINYL FILM (BRADY B–595) PRINTED WITH BLACK AND RED (BRADY, BBP 85 RIBBON, 13520) UV RESISTANT INKS AND COMPLETE WITH UV RESISTANT LAMINATE OVERLAY



DANGER 240 VOLTS SIGN (SAFETY SIGN SERVICES, PART No SSWC007)
MANUFACTURED FROM WHITE SELF ADHESIVE VINYL FILM (BRADY B–595) PRINTED WITH BLACK AND RED (BRADY, BBP 85 RIBBON, 13520) UV RESISTANT INKS AND COMPLETE WITH UV RESISTANT LAMINATE OVERLAY

DANGER ARC FLASH CAT 0 SIGN (SAFETY SIGN SERVICES, PART No SSWC009)
MANUFACTURED FROM WHITE SELF ADHESIVE VINYL FILM (BRADY B–595) PRINTED WITH BLACK AND RED (BRADY, BBP 85 RIBBON, 13520) UV RESISTANT INKS AND COMPLETE WITH UV RESISTANT LAMINATE OVERLAY



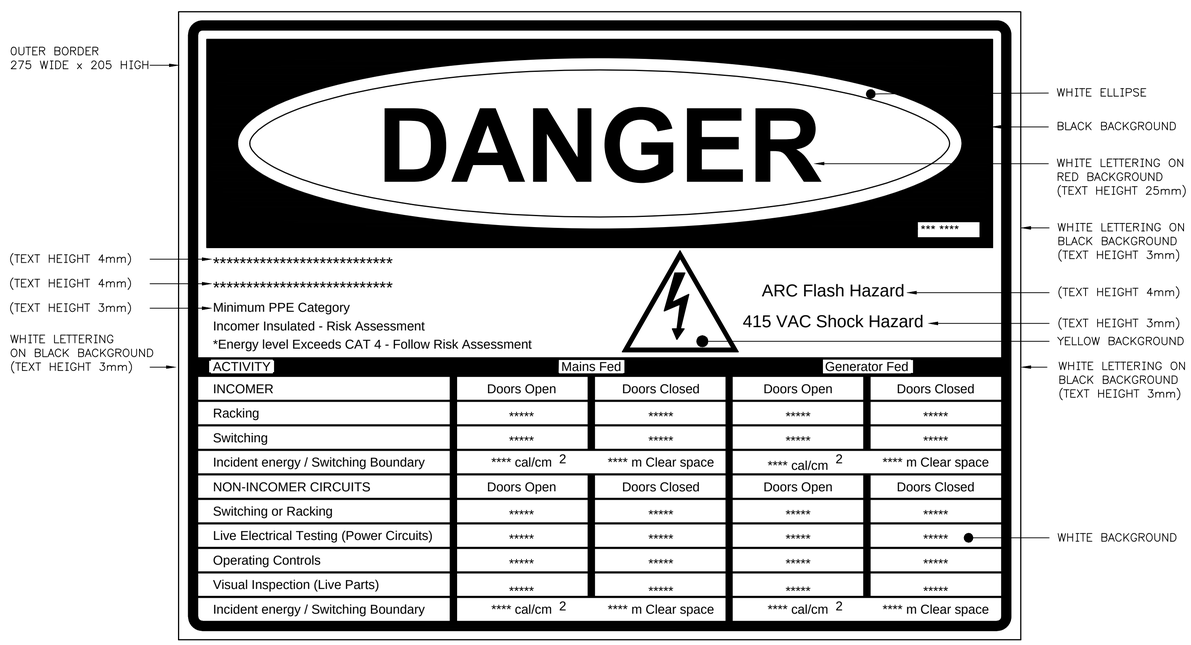
ACTIVITY	Minimum PPE Category: Door Open	Minimum PPE Category: Door Closed
INCOMER		
Racking	*****	*****
Switching	*****	*****
NON-INCOMER CIRCUITS		
Switching or Racking	*****	*****
Live Electrical Testing (Power Circuits)	*****	*****
Operating Controls	*****	*****
Visual Inspection (Live Parts)	*****	*****

GUIDANCE NOTES FOR INCOMER RACKING AND/OR SWITCHING

1. *IF THE VALUE OF INCIDENT ENERGY @ 455mm EXCEEDS 40 cal/cm^2 AND THE PPE CATEGORY IS BASED ON LOCATION 1 (LINESIDE) INCIDENT ENERGY ASSESSMENT AND THE RESULTANT ASSESSMENT PRODUCES A PPE RATING OF CAT4+ THEN THE TEXT "*ENERGY LEVEL EXCEEDS CAT 4 – FOLLOW RISK ASSESSMENT" IS REQUIRED*
2. *IF THE VALUE OF INCIDENT ENERGY @ 455mm EXCEEDS 40 cal/cm^2 AND THE PPE CATEGORY IS BASED ON LOCATION 2 (BUSBAR) INCIDENT ENERGY ASSESSMENT AND THE RESULTANT ASSESSMENT PRODUCES A PPE RATING LESS THAN CAT4+ THEN THE TEXT "*ENERGY LEVEL EXCEEDS CAT 4 – FOLLOW RISK ASSESSMENT" IS NOT REQUIRED BUT THE TEXT "INCOMER INSULATED – RISK ASSESSED" IS REQUIRED*
3. *FOR ADDITIONAL INSTRUCTIONS REFER DS29*

DANGER ARC FLASH SINGLE SUPPLY SIGN (SAFETY SIGN SERVICES, PART No SSWC011)
MANUFACTURED FROM WHITE SELF ADHESIVE VINYL FILM (BRADY B–595) WITH BLACK AND RED (BRADY, BBP 85 RIBBON, 13520) UV RESISTANT INKS AND COMPLETE WITH UV RESISTANT LAMINATE OVERLAY

NOTE
UNLESS OTHERWISE SHOWN DEFAULT TEXT SIZE 3mm



ACTIVITY	Mains Fed: Doors Open	Mains Fed: Doors Closed	Generator Fed: Doors Open	Generator Fed: Doors Closed
INCOMER	Doors Open	Doors Closed	Doors Open	Doors Closed
Racking	*****	*****	*****	*****
Switching	*****	*****	*****	*****
Incident energy / Switching Boundary	**** cal/cm 2	**** m Clear space	**** cal/cm 2	**** m Clear space
NON-INCOMER CIRCUITS	Doors Open	Doors Closed	Doors Open	Doors Closed
Switching or Racking	*****	*****	*****	*****
Live Electrical Testing (Power Circuits)	*****	*****	*****	*****
Operating Controls	*****	*****	*****	*****
Visual Inspection (Live Parts)	*****	*****	*****	*****
Incident energy / Switching Boundary	**** cal/cm 2	**** m Clear space	**** cal/cm 2	**** m Clear space

DANGER ARC FLASH MULTIPLE SUPPLIES SIGN (SAFETY SIGN SERVICES, PART No SSWC012)
MANUFACTURED FROM WHITE SELF ADHESIVE VINYL FILM (BRADY B–595) WITH BLACK AND RED (BRADY, BBP 85 RIBBON, 13520) UV RESISTANT INKS AND COMPLETE WITH UV RESISTANT LAMINATE OVERLAY

NOTE
UNLESS OTHERWISE SHOWN DEFAULT TEXT SIZE 3mm

DESIGN NOTES

1. *TO BE READ IN CONJUCTION WITH DESIGN NOTES ON PART 1*

10 5 0 10 20 30 40 50 60 70 mm

1:1 AT SHEET SIZE A1

ISSUE	DATE	GRID	REVISION	DRN	REC	APPD
C	03/2021		DANGER ARC FLASH SINGLE SUPPLY SIGN (PART No SSWC011) REVISED, GUIDANCE NOTES ADDED. DANGER ARC FLASH MULTIPLE SUPPLIES SIGN (PART No SSWC012) DATE FORMAT REVISED	PH	TL	EG
B	03/2021		ARC FLASH LABELS SSWC011 AND SSWC012 REVISED	PH	TL	EG

DESIGN SURVEY NONE | VERTICAL DATUM NONE | COORDINATE SYS NONE | ASCON SURVEY NONE | DES REF | DES CALC NA | DES CHD NA | DRN P HARVEY | Q.C. CHD S MEMORY | NORTH POINT

SUBMITTED 23/10/2020 T LIU (SIGNED) SENIOR ENGINEER – ELECTRICAL

RECOMMENDED 23/10/2020 E GLIWSKI (SIGNED) PRINCIPAL ENGINEER – ELECTRICAL

APPROVED 23/10/2020 N JOHNSON (SIGNED) SNR PRINCIPAL ENGINEER – ELECT

ENGINEERING

WATER CORPORATION

ELECTRICAL STANDARD SWITCHBOARD DESIGNS
SMALL PUMP STATIONS
SWITCHBOARD REFERENCE DRAWINGS
SIGNS AND LABELS – PART 2

FILE | PROJECT | PLAN MN01–26–1.2 | CAD | ISSUE C | ORIGINAL SHEET SIZE A1 | MF

566
810

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STANDARDS\APPROVED\MN01\MN01–026–001–02C 14:39 25/03/2022 HARVEYPO/NB46193