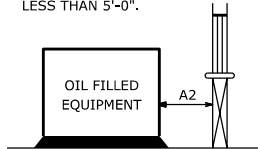


**REFERENCES**

- GR&S STD. 3-22
- GR&S UG. STD. 1-19
- STD. 8-12
- SESR 7.39

WINDOW LESS THAN 12'-0" ABOVE GROUND BEHIND EQUIPMENT WITH "B" DIMENSION LESS THAN 5'-0".



WINDOW WITH 45 MINUTE FIRE RATED GLASS LESS THAN 12'-0" ABOVE GROUND BEHIND EQUIPMENT WITH "B" DIMENSION LESS THAN 5'-0".

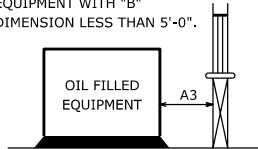


TABLE 1 (MINIMUM CLEARANCES)

* STRUCTURES	A1	A2	A3	B	C
STEEL OR MASONRY	5'-0"	12'-0"	8'-0"	5'-0"	12'-0"
WOOD	12'-0"	12'-0"	12'-0"	5'-0"	12'-0"

\* MASONRY: CONCRETE BLOCK OR FULL BRICK  
WOOD: WOOD FRAME OR WOOD FRAME WITH STUCCO VENEER.

**NOTES: (APPLY TO PAGE 1 & 2)**

1. ALL DIMENSIONS SHOWN ARE MINIMUM. AN AUTHORITY HAVING JURISDICTION OR ANOTHER CODE MAY REQUIRE ADDITIONAL CLEARANCE. REDUCTION OF THE ABOVE DIMENSIONS REQUIRES WRITTEN APPROVAL FROM THE STATE FIRE MARSHALL AND TEC.
2. DRAINAGE OF THE AREA SURROUNDING THE EQUIPMENT SHOULD BE AWAY FROM BUILDING.
3. THIS DIMENSION ALSO APPLIES TO OPEN STAIRWAYS, WHEEL CHAIR RAMPS, ETC.
4. THERE SHALL BE NO PIPING OR CONDUIT UNDER THE PAD OTHER THAN THOSE REQUIRED TO CONNECT THE EQUIPMENT.
5. NO PORTION OF THE BUILDING SHALL EXTEND OVER THE EQUIPMENT.
6. PAVED AND UNOBSTRUCTED PASSAGEWAYS TO ACCOMMODATE TRUCKS OR OTHER NECESSARY LIFTING AND HAULING EQUIPMENT SHALL BE PROVIDED TO ALLOW FOR EQUIPMENT REPLACEMENT.
7. THE EQUIPMENT SHALL BE INSTALLED SO THAT THE FRONT OF THE UNIT FACES AWAY FROM THE BUILDING.
8. THERE SHALL BE NO ABOVE GROUND OBSTRUCTIONS SUCH AS COOLING TOWERS, SHRUBS, PLANTS, FENCES ETC. WITHIN 10'-0" IN FRONT OF THE OIL FILLED EQUIPMENT DOORS, OR WITHIN 3'-0" OF THE SIDES OR BACK.
9. THE MINIMUM CLEARANCE REQUIREMENTS FOR DOORWAY ALSO APPLIES TO FIRE ESCAPES.
10. DIMENSION A1 IS APPLICABLE WHERE THERE IS NO WINDOW ABOVE THE EQUIPMENT OR THERE IS A WINDOW AT A HEIGHT OF 12'-0" OR MORE AS SHOWN IN THE ELEVATION ABOVE. SEE A2, A3 AND TABLE 1 WHEN WINDOW IS NEAR.
11. DIMENSION C IS APPLICABLE WHEN OIL FILLED EQUIPMENT IS LOCATED IN FRONT OF DOOR.
12. DIMENSIONS ALSO APPLY TO TRANSCLOSURE CABINET WALLS.
13. TAMPA ELECTRIC CO. REQUIRES THAT THE EXHAUST OUTLET FOR CUSTOMER-OWNED GENERATORS BE AT LEAST 15'-0" FROM ALL TAMPA ELECTRIC EQUIPMENT BECAUSE OF HEAT, NOISE & EXHAUST FUMES.
14. TAMPA ELECTRIC CO. REQUIRES A MINIMUM SWITCHING CLEARANCE OF 10 FEET IN FRONT OF THE EQUIPMENT DOORS AND 3 FEET ON THE SIDES AND BACK OF EQUIPMENT FOR MAINTENANCE ACCESS.
15. PRIMARY CABLES WILL NOT BE PERMITTED UNDER BUILDINGS AND STRUCTURES.
16. PROVIDE 3'-0" MINIMUM CLEARANCE TO DOORWAY. FOR DOORS WIDER THAN 3'-0", THE MINIMUM CLEARANCE SHALL BE INCREASED TO THE WIDTH OF THE DOOR. CLEARANCE IS REQUIRED REGARDLESS OF DIRECTION OF DOOR SWING OR HINGE LOCATION.
17. IF ANY PART OF TEC'S OIL FILLED EQUIPMENT WILL NEED TO BE CLOSER TO ANY OUTSIDE WALL OF A BUILDING THAN INDICATED ABOVE, LOCATED IN THE R.O.W., OR LOCATED UNDERNEATH ANY PART OF THE BUILDING IT WILL LIKELY NEED TO BE PLACED IN A VAULT - SEE UG GRS SECTION 13 AND CONTACT DISTRIBUTION ENGINEERING.

8	SJH	10-17-19	ADDED NEW NOTE 17
7	TQB	6-15-15	REVISED NOTE 14
6	TQB	7-19-12	REMOVED 7'-6" CLEARANCE TO FIRE HYDRANT IN NOTE 14
5	RAG	3-19-09	REVISED NOTES 6, 13 & 14, ADD NOTE 16
NO.	CK'D	DATE	REVISION

◀ DENOTES LATEST REVISION

GRS 3-22

MGR; STD'S *Kabuekwa*  
 APPR. DATE 10-21-19  
 SUPERSEDES 1-17/7-19-12

**1-17** PAGE 2 OF 2

**LOCATION OF OIL FILLED  
PAD MOUNTED EQUIPMENT**

TAMPA ELECTRIC CO.

STANDARDS

GENERAL RULES & SPECIFICATIONS UG.