

ART 4.5.1.4 Provide Engineer Support to Bases and Installations

This ART covers how units manage and maintain or upgrade existing facilities and utilities. Units construct, manage, and maintain new facilities and utility systems for bases and installations. (FM 3-34.400) (USAES)

NO.	Scale	Measure
01	Yes/No	The construction, management, and maintenance of bases and installations in the area of operations (AO) contributed toward unit mission accomplishment.
02	Yes/No	Unit determined construction requirements per existing doctrine and regulations.
03	Yes/No	Unit had environmental considerations planning and procedures in place and followed planning and procedures.
04	Time	To plan maintenance and repair of fixed facilities.
05	Time	To determine potential requirements for repairing damage resulting from combat actions and natural disasters.
06	Time	To plan the operation and maintenance or upgrade of existing utilities (such as electrical generating and distribution systems, waste water collection and treatment systems), permanent and semi-permanent water facilities (such as wells for water and water storage systems), and other special utilities systems including cooling and refrigeration, compressed air, and heating systems.
07	Time	To plan and perform fire prevention and protection programs in the AO.
08	Time	To plan refuse collection and disposal.
09	Percent	Of maintenance and repair of facilities that can be performed by unit self-help teams.
10	Percent	Of facilities in the AO meeting initial and temporary standards.
11	Number	Of incinerators and landfills operating in the AO.
12	Number	Of metric tons of refuse per day that are recycled in the AO.
13	Number	Of metric tons of hazardous waste per day disposed of

		per appropriate laws and regulations.
14	Number	And types of ports, bases, and installations in the AO.
15	Number	Of Soldiers supported by bases and installations in the AO.
16	Number	And types of engineer units used for building and maintaining bases and installations located in the AO.
17	Cost	Of base and installation construction, management, and maintenance.

Supporting Collective Tasks:

Task No.	Title	Proponent	Echelon
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