



Royal Engineering Corps



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Tasks of REC



❖ Demining and clearing all Jordanian Territories which hold minefields in partnership with NCDR.





❖ **Securing and disposing of UXOs, EOD , and respond to IED threats, including explosive smuggling .**





❖ Contributing in enhancement of national economy and development.





❖ Providing protection against WMD for JAF personnel





❖ **Coordinating with governmental agencies in developing water resources and preserving salubrious environment.**





□ Construction of roads and military bridges in coordination with governmental institutions.





CBRN/ WMD



CBRN



3/14/2024



Mission

- ❑ Support and train all Army , Air Force, and Navy units in order to conduct their mission in a CBRN environment.
- ❑ Support and train national civil authorities (CBRN Teams In Official Crossing Points and Airports)





Capabilities

- ❑ Protection
- ❑ Detection & RECON
- ❑ DECON
- ❑ Modeling
- ❑ Verification





Protection Gear



Level A , Level B , Level C and JSLIST





Detection Equipment



RAID 8



RAID TOX





RECON Survey and Sampling



- ❑ SSA , SSE, First Entry , Survey And Sampling.
- ❑ Military techniques for RECON operations.





Decontamination



- ❑ Decontamination of personnel, vehicles & Terrain and equipment.
- 4 – line MCDS / Civil authority support .
- Personal DECON Kits: RSDL, M295.
- M12, M17A3 DECON apparatus (Army support).





Jordan CNST



- ❑ Prevention of smuggling operations by utilizing intelligence information and available assets at Jordan borders.
- ❑ Respond to a radioactive material smuggling event, detect & locate, Identify, package and transport radioactive material to a secure location.
- ❑ CNST Consists of: CSU, EOD , RMS , EMRC , PSD , Custom.





CBRN Training Centre of Excellence



Train JAF, national authorities, and international trainees to enhance their capabilities in terms of CBRN, and ENSURE an effective response in case of any unconventional incidents.





Some CBRN Training center of excellence courses



NO	Course Name	Duration /week
1.	4-Line Mass Casualty Decontamination System Course	2
2.	New Weapons of Mass Destruction (WMD) Detection Devices Course	2
3.	protection against Live toxic chemical and radiation materials	2
4.	Verification by lab course	3
5.	Biological Security Course	2
6.	CBRN Survey Course	4
7.	Nuclear Security Course	3
8.	Chemical Security Course	3
9.	Biological Threat Management Course	2
10.	Chemical Facilities Inspection Course	2



EOD-IEDD UNIT



Mission

❑ Search , Secure And Dispose Of Unexploded Ordnances Threatens The Local Security





Capabilities

- ❑ ALL IED TYPES HANDLING UNDER ALL CONDITIONS
- ❑ ALL UXO TYPES HANDLING UNDER ALL CONDITIONS





Capabilities

❑ POST BLAST INVESTIGATION AND EXPLOSIVE DETECTION





Capabilities

❑ DESPOSE VARIOUS HAZARDOUS MATERIALS





Training Aids

TRAINING FACILITIES (SIMULATED VILLAGE)



OPERATIONS AND TRAINING HANGER



CLASSROOMS & THEATER



EOD/IED MUSEUM





Equipment

PROTECTIVE SUITS



ROBOTS



EXPLOSIVES DETECTION DEVICES



DETECTORS





Equipment

X-RAY DEVICES



DISRUPTORS





Route Clearance And Demining



Husky G2

- Name: Husky G2
- Vehicle-mounted ground penetrating radar (GPR) .
- Vehicle-mounted crane (Interrogating Arm).
- Maintenance and spare parts trolley (Red Pack) towed after the 2nd vehicle





Mine Roller

Used for route clearance of mines and IED's





Heavy Armored Machines



D9 armored bulldozer



Armored Loader



Mine-Sweepers



Image courtesy of MineWolf Systems

(Mine Wolf) Mine-sweeper



Aardvark mine-sweeper



Ambitions

- Keeping up with the latest updates in the CBRN, EOD/ IEDD world and handling the threats professionally
- Building and maintaining a high quality joint training with our allies from all over the world.



- ❑ Provide REC of latest equipment of :
 - ❑ EOD/ IEDD
 - ❑ CBRN
 - ❑ ROUTE CLEARANCE





Thank You