

Logistics

Chemical, Biological, Radiological, and Nuclear (CBRN) Defense Equipment

History. This is an administrative revision. Portions affected by this revision is listed in the summary of change.

Summary. This regulation provides specific guidelines, standards, and procedures to III Corps units for chemical, biological, radiological, and nuclear (CBRN) defense readiness and reporting. This regulation does not preclude any Commander's initiative.

Applicability. This regulation applies to all units and activities assigned, attached, or

under operational control of III Corps.

Supplementation. Local supplementation of this regulation is prohibited except upon approval of III Corps Chemical, Biological, Radiological, and Nuclear (CBRN) Office.

Suggested Improvements. The proponent of this regulation is the III Corps CBRN Office. Send comments and suggested improvements to the Commander, III Corps and Fort Hood, AFZF-CML, Fort Hood, Texas 76544.

FOR THE COMMANDER:

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IAW FH FORM 1853, S

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* Supersedes III Corps and Fort Hood Regulation 700-2 dated 1 July 2000

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OVERVIEW

1

Purpose

This regulation:

- Establishes policies governing the responsibilities, procurement, footprint, issue, maintenance, and reporting of contingency chemical, biological, radiological, and nuclear (CBRN) defense equipment and supplies.
- Prescribes procedures for reporting and maintaining CBRN defense equipment.
- Provides guidance on turn-in of excess CBRN equipment.
- Provides guidance on disposal of CBRN related hazardous material (HAZMAT).
- Provides guidance on “hard-to-fit” Soldiers and the procurement of contingency stocks for those Soldiers.
- Promotes and increases CBRN defense readiness throughout III Corps.

1a

References

Appendix A lists required and related references.

1b

Abbreviations and terms

The glossary explains abbreviations and terms used in this regulation.

1c

Summary of change

Specifically, this revision dated 20 June 2008 –

- Title of this document has changed to Chemical, Biological, Radiological, and Nuclear (CBRN) Defense Equipment.
- The use of Chemical section has been changed to the Chemical, Biological, Radiological, and Nuclear (CBRN) section within the entire regulation.

1d

RESPONSIBILITIES

2

**Assistant
Chief of Staff
(ACofS), G3**

The Assistant Chief of Staff (ACofS), G3 will:

- Establish priority for units assigned or attached to III Corps to draw individual protection equipment (IPE) based upon deployment time lines.
- Recommend updates to the IPE footprints on Fort Hood and other III Corps installations in order to meet current mission requirements and support contingency missions with 96 hour or less deployment potential.

2a

**III Corps
Surgeon**

The III Corps Surgeon will:

- Advise III Corps Commander of Department of the Army (DA) and Army Medical Department (AMEDD) policy for ordering, storing and issuing CBRN related medical equipment and supplies.
- Coordinate, facilitate, and oversee issue of contingency medical chemical defense materiel (MCDM) to units in III Corps from their supporting medical supply activities (MSAs) based upon the G3's established priority.
- Publish turn-in procedures for MCDM for units assigned or attached to III Corps.

2b

**III Corps
Chemical,
Biological,
Radiological,
and Nuclear
(CBRN)
Officer**

The III Corps CBRN Officer will:

- Monitor contingency IPE footprint. Advise the III Corps Commander on changes and/or augmentation to the footprint.
- Monitor the status of CBRN defense equipment (CDE) in III Corps through the CDE Report.

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**III Corps
Chemical,
Biological,
Radiological,
and Nuclear
Officer
(continued)**

- Provide Fort Hood unit requirements and priorities for requisitioning centrally stored IPE items to the Directorate of Logistics (DOL).
- Submit the CDE report roll-up to United States Army Forces Command (FORSCOM) upon request.
- Coordinate through FORSCOM for the release of mission essential CDE shortages.

2c

**Assistant
Chief of Staff
(ACofS), G4**

The ACofS, G4 will:

- Monitor and cross-level excess modified table of organization and equipment (MTOE) CDE within the Corps.
- Track critical MTOE CDE shortages reported through CDE and unit status reports (USR).
- Work in conjunction with III Corps CBRN to ensure deploying units and/or personnel have all required CBRN equipment.

2d

**Senior
Chemical,
Biological,
Radiological,
and Nuclear
(CBRN) Staff
Officer on
satellite
installations**

The Senior CBRN Staff Officer will:

- Serve as the senior III Corps CBRN representative or advisor at assigned duty station.
- Monitor IPE draw for units assigned or attached to III Corps.
- Consolidate CDE reports prior to submission to III Corps CBRN.
- Provide CBRN personnel guidance on CBRN reports.
- Publish guidance for III Corps units reference HAZMAT turn-in and IPE issue.
- Provide III Corps CBRN of CDE asset visibility as requested.
- Serve as the central clearing house for III Corps units to ensure that calibrations and wipe tests occur as required.

2e

**III Corps
Chemical,
Biological,
Radiological,
and Nuclear
(CBRN)
Logistics
Officer**

The III Corps CBRN Logistics Officer will:

- Consolidate data and provide quality control for the annual Congressional CDE report.
- Receive semi-annual reports and monitor on-hand contingency stocks across the Corps footprint.
- Provide III Corps CBRN Officer up-to-date data on contingency stocks as required for reporting purposes.
- Coordinate with the G4 to ascertain CBRN equipment shortages across the Corps footprint.

2f

**Directorate of
Logistics
(DOL)**

The DOL will:

- Store, inventory, service, and issue all centrally stored IPE using the mobility inventory control accountability system (MICAS) for all units that deploy or mobilize from Fort Hood.
- Ensure sufficient warehouse space is available to centrally store the IPE footprint.
- Ensure that CBRN defense items are rotated and issued based upon shelf-life expectancy.
- Issue contingency IPE stocks to units in the priority of deployment established by the Corps G3.
- Issue IPE to deploying units no earlier than 45 days before deployment.
- Coordinate with III Corps CBRN no later than 4 months prior to shelf-life expiration of contingency stock in order to prepare for training conversion or request shelf-life extension.

2g

**Directorate of
Public Works
(DPW),
Environmental
Office**

The Directorate of Public Works, Environmental Office will:

- Provide support according to Fort Hood Regulation 200-1 (Environment and Natural Resources) to dispose of unserviceable CDE hazardous waste.
- Provide guidance on Federal, state, and local environmental regulations that affect the CBRN assets and units on Fort Hood.

2h

**Major
subordinate
command
(MSC) and
separate
brigades**

Major subordinate commands (MSCs) will:

- Monitor the status of CDE.
- Ensure CBRN shortages are identified on the Commander's comments section of the CDE and USR reports.
- Allocate funds for the procurement and re-supply of CBRN training assets.
- Submit a CDE roll-up upon request. Ensure required and authorized equipment are in accordance with (IAW) the current MTOE (a new MTOE may be used 12 months prior to effective date).
- Verify subordinate unit property books and MTOE data for requirements, authorizations, and on-hand accuracy.
- Conduct periodic inspections or staff assistance visits to ensure subordinate units are in compliance with this regulation.

2i

**Unit
Commanders**

Unit Commanders will:

- Requisition and maintain 100 percent of training CDE as required by MTOE, table of distribution and allowances (TDA), common table of allowances (CTA), technical manual, or other authorization documents.
- Acquire, store, inventory, service, and track all training CDE.

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Unit Commanders (continued)

- Each company-sized unit or equivalent must maintain and ensure:
 - Soldiers are sized for IPE and issued protective masks.
 - Load plans include all authorized CDE and are updated, at a minimum, annually with any MTOE or TDA changes.
 - Required maintenance and calibrations are conducted according to appropriate TMs.
 - Sufficient on-hand CBRN repair parts to perform operator and organizational maintenance is on-hand (no more than 5 percent overage).
 - All applicable TMs, doctrinal, and administrative publications are on-hand.

2j

Chemical, biological, radiological, and nuclear (CBRN) defense equipment

Proper storage of equipment:

- All units, will acquire, store, and maintain all required MTOE and TDA CDE.
- Store all CDE on pallets, shelving, or wall lockers to prevent water damage.
- Proper physical security will be provided for CDE.

2k

Storage requirements

Radiacmeters:

- Store in a fire resistant container under double lock security.
- If in a radiation free container (i.e. not stored in the same container as M43A1, improved chemical agent monitor [ICAM], or chemical agent monitor [CAM]), no marking is required.

 (continued on next page)

Storage requirements (continued)

M22 chemical agent alarm, ICAM, and CAM:

- Store in a fire resistant container under double lock security.
- Store in a container with the outside of the container and the exterior of the structure marked "Caution Radioactive Material" IAW Fort Hood Regulation 11-9 (Ionizing and Nonionizing Radiation Protection Program). Requires marking when radioactive source is present.
- Post and Nuclear Regulatory Commission (NRC) Form 3 (Notice to Employees) in the room where the storage container is located.

21

Request for individual protection equipment (IPE) issue

Basic guidelines:

- Contingency IPE is the property of Army Materiel Command (AMC). IPE does not belong to the individual unit or installation until issued from the IPE custodian on their installation.
- Units may not requisition IPE earlier than 45 days or later than 14 days prior to deployment. Authorized IPE is listed in Appendix B.
- Units are not authorized an overage on contingency stock for sizing. They will only requisition IPE after proper sizing using the charts in Appendices F and G of this regulation.
- Units must maintain a size roster for all personnel assigned or attached.
- Personnel will receive a fit test using the M41 Protection Assessment Testing System (PATs) during in-processing, once annually, and prior to deployment.
- Aviators are authorized chemical protective undergarment (CPU) issue if they are counted on the USR as a combat crew.

(continued on next page)

Request for individual protection equipment (IPE) issue (continued)

Fort Hood:

- DOL will manage coordination for IPE pick-up time lines.
- Units must have the documentation listed in Appendix E with approvals from their chain of command, their MSC or separate brigade CBRN Section, III Corps G4, and III Corps CBRN.
- Units must provide adequate transportation for bulk issue.

Satellite installations:

- The senior chemical staff section is responsible for publishing guidance on IPE draw for their installation.
- The senior chemical staff section is responsible for reporting to the III Corps CBRN Logistics section if the IPE footprint goes below 85 percent of the authorization.

2m

Medical chemical defense materiel (MCDM)

Basis of issue and guidelines:

- All III Corps assigned or attached personnel will be allocated nerve agent antidote kits (NAAKs), convulsant antidote for nerve agent (CANAs), and pyridostigmine bromide (PB) tablets for deployment as required. The Corps Surgeon will publish storage and distribution requirements for those items.
- The NAAK is an immediate first aid treatment for nerve agent poisoning. Basis of issue (BOI) is 3 kits per Soldier.
- The CANA is a first aid treatment for nerve agent poisoning given to a buddy who is incapacitated by nerve agent poisoning. BOI is 1 per Soldier.
- PB tablets work in conjunction with the NAAK to enhance the survivability from Soman (GD) nerve agent poisoning. BOI is 42 tablets per Soldier.

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**Medical
chemical
defense
materiel
(MCDM)
(continued)**

- MCDM is issued to units in the priority of deployment established by the Corps G3.
- Units will request MCDM through unit medical personnel to the Corps Surgeon.
- Requests for MCDM are filled via bulk issue from the unit's Class VIII Direct Support Unit (DSU).
- Units are required to have the proper paper work, vehicle, HAZMAT handler, and security when they pick-up the contingency MCDM.
- Units with MCDM on-hand (i.e. PB tablets, NAAK, and CANA) will turn-in on-hand materiel in theater or upon mission completion. The individual Soldier will not return to home station with MCDM in his or her possession.

2n

**Chemical,
biological,
radiological,
and nuclear
(CBRN)
defense
equipment
maintenance**

Maintaining CDE:

- All units will establish maintenance programs to ensure all CBRN equipment is maintained at its operational condition IAW the corresponding TMs (see Appendix D).
- Use the Unit Level Logistics System (ULLS) when managing CBRN forms equipment maintenance.
- DA Form 2404 (Equipment Inspection Maintenance Worksheet) should be maintained for any piece of equipment with or without uncorrected faults or deferred maintenance actions. If no faults are found, date and initial the form and keep on file until a new form is needed.
- Department of Defense (DD) Form 314 (Preventive Maintenance Schedule and Record) must be maintained by units to record non-mission capable (NMC) time for equipment reportable under AR 700-138 (Army Logistics Readiness and Sustainability).

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**Chemical,
biological,
radiological,
and nuclear
(CBRN)
defense
equipment
maintenance
(continued)**

- All supporting the Army Maintenance Management System (TAMMS) documentation for equipment is maintained.
- Operators will report all NMC CBRN equipment that affects the reporting readiness condition of a reportable end item to the battalion maintenance officer.
- Operators will report all NMC CBRN equipment that affects the reporting readiness condition of a reportable end item to the battalion maintenance officer.
- CBRN noncommissioned officers (NCOs) and CBRN officers will ensure that the CBRN portion of the monthly USR and semi-annual CDE report reflect the current CBRN equipment posture.
- Technical Bulletin (TB) 43-180 (Interactive Electronic Technical Manual [IETM] for Calibration and Repair Requirements for the Maintenance of Army Materiel) lists all pieces of equipment that require calibration and the regularity of the calibration.
- Table D-1 lists calibration and wipe test intervals.
- Equipment that is out of tolerance for calibration or wipe test is considered NMC as it is a potential safety hazard; no maintenance can occur until the equipment is in tolerance.
- The unit CBRN section or appointed CBRN Officer or NCO will inspect and inventory all CBRN equipment stocks monthly in conjunction with submission of USR and ensure proper documentation and tracking of wipe tests and calibrations.
- During contingency operations, units must ensure their IPE is serviceable to include monitoring expiration dates.

(continued on next page)

**Chemical,
Biological,
Radiological,
and Nuclear
(CBRN)
defense
equipment
maintenance
(continued)**

- Replace contingency IPE if the packaging rips, tears compromise the protective capacity or if petroleum based items come in contact with any portion of the IPE.
- Contingency IPE has a shelf-life as annotated in appendix C. The black vinyl overboots, gloves, and helmet covers remain serviceable as long as they are not ripped, torn, or damaged by petroleum items.
- Never sew or pin patches, name tags, or similar type items on contingency IPE.

2o

**Chemical,
biological,
radiological,
and nuclear
(CBRN)
defense
equipment
reporting**

Reporting procedures:

- MSCs and separate brigades must submit a CDE roll-up from their subordinate command to the III Corps CBRN. Reports will be submitted upon request.
- Commanders must ensure CDE reports are timely and accurate.

2p

**Hazardous
waste
disposal**

Background information:

- Commanders are responsible for full compliance with all state and Federal hazardous waste laws.
- Once identified as unserviceable, CDE items must be categorized hazardous or non-hazardous waste.
- Table C-2 lists CDE items considered as hazardous waste upon expiration of their shelf-life or identified as unserviceable.
- Disposal procedures require units to properly separate, package, and label hazardous items for shipment or turn-in to DPW Classification Yard.

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**Hazardous
waste
disposal
(continued)**

- Disposal requirements may vary from state to state.
- Fort Hood:
- Coordinate with your MSC or Separate Brigade CBRN Section to validate turn-in requirement.
 - MSC and Separate Brigade CBRN Sections will contact the III Corps CBRN Logistics section with the following data:
 - Primary and alternate points of contact.
 - Unit requesting turn-in.
 - Primary and alternate phone numbers.
 - National stock number (NSN) and nomenclature of items for turn-in.
 - Quantities for items for turn-in.
 - Reason for turn-in.
 - The Corps CBRN Logistics Section will forward approved turn-ins to the DPW Classification Yard.
 - The Classification Yard will coordinate turn-in with the individual unit after Corps CBRN approval.
 - MSCs and Separate Brigades must provide the Corps CBRN Logistics cell a completion report.
 - Failure to properly dispose of HAZMAT may result in notice of violation and fines per Federal, state, and local environmental regulations for the Unit Commander.

Appendix A
References

Section I
Required Publications

AR 700-138

Army Logistics Readiness and Sustainability (Cited in para 2o)

FH Reg 200-1

Environment and Natural Resources (Cited in para 2h)

FH Reg 11-9

Ionizing and Nonionizing Radiation Protection Program (Cited in para 2l)

TB 43-180

Interactive Electronic Technical Manual (IETM) for Calibration and Repair Requirements for the Maintenance of Army Materiel (Cited in para 2o and table D-1)

Section II
Related Publications

AR 40-3

Medical, Dental, and Veterinary Care

AR 40-61

Medical Logistics Policies

AR 40-63

Ophthalmic Services

AR 71-13

Equipment Authorization and Usage Program

AR 385-10

The Army Safety Program (Chapter 6)

AR 700-89

Identification, Control, and Utilization of Shelf-life Items

AR 700-138

Army Logistics Readiness and Sustainability

20 June 2008

III CORPS & FH REG 700-2

AR 710-2

Supply Policy Below the National Level

AR 710-3

Inventory Management Asset and Transaction Reporting System

CTA 8-100

Army Medical Department Expendable/Durable Items

CTA 50-900

Clothing and Individual Equipment

CTA 50-909

Field and Garrison Furnishings and Equipment

CTA 50-970

Expendable/Durable Items (Except: Medical, Class V, Repair Parts, and Heraldic Items)

DA Pamphlet 710-2-1

Using Unit Supply System (Manual Procedures)

FORSCOM Standing Logistics Instruction

SB 3-30-2

Chemical-Biological Canister and Filter Elements: Serviceability Lists

TB 43-0199

Storage, Shipment, Handling, and Disposition of Decontaminating Agent, DS2

TM 3-4230-229-10

Operator's Manual for Decontamination Kit Skin: M291

TM 3-4240-312-12&P

Operator's and Unit Maintenance Manual for Mask Chemical-Biological: Aircraft M43

TM 3-4240-341-10

Operator Instructions for Mask, Chemical-Biological: M45

TM 3-4240-341-20&P

Unit Maintenance Manual for Mask, Chemical-Biological: M45

TM 3-4240-342-10

Operator's Manual for Mask, Chemical-Biological, Aircraft: M48

TM 3-4240-342-20&P

Unit Maintenance Manual Including Repair Parts and Special Tools List for Mask, Chemical-Biological: Aircraft M48

TM 3-4240-346-10

Mask Chemical-Biological: Field M40/M42

TM 3-4240-346-20&P

Mask Chemical-Biological: Field M40/M42

TM 3-6665-307-10

Operator's Manual for Chemical Agent Detector Kit, M256

TM 3-6665-312-12&P

Operator's and Organizational Maintenance Manual Including Repair Parts and Special Tools List for M8A1

TM 3-6665-343-10

Operator's Manual for Improved Chemical Agent Monitor (ICAM)

TM 3-9905-001-10

Operator's Manual for Sign Kit, Contamination

TM 10-8415-209-10

Operator's Manual for Individual Chemical Protective Clothing

TM 11-6665-209-10

Operator's Manual for Radiac Sets

TM 11-6665-209-10-HR

Hand Receipt Manual Covering Content of Components of End Item (COEI), Basic Issue Items (BII), and additional Authorization List (AAL) for Radiac Sets

TM 11-6665-209-20

Organizational Maintenance Manual for Radiac Sets

TM 11-6665-214-10

Operator's Manual for Radiacmeters

TM 11-6665-232-12

Operator's and Organizational Maintenance Manual for Radiacmeters

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TM 11-6665-236-12

Operator's and Unit Maintenance Manual for Radiac Set AN/PDR-75

TM 11-6665-251-10

Operator's Manual for Radiac Set AN/VDR-2

TM 11-6665-364-12

Operator's and Unit Maintenance Manual for Radiac Set AN/UDR-13

**Section III
Prescribed Forms**

DA Form 2404

Equipment Inspection and Maintenance Worksheet (Prescribed in para 2o and table D-1)

DD Form 314

Preventive Maintenance Schedule and Record (Prescribed in para 2o and table D-1)

NCR Form 3

Notice to Employees (Prescribed in para 2l)

**Section IV
Referenced Forms**

FH Form 1853

Distribution Scheme

**Appendix B
Full and Half Basic Load Composition**

The Army Go-to-War Program directed a standardized IPE basic load. The equipment provides the Soldier with the basic chemical and biological protection needed for initial deployment. The basic load consists of the items in table B-1 and B-2 below.

Table B-1. Full and half basic load composition

Item Number	Equipment Type	Quantity		Amount
		Full Load	Half Load	
1	M291 Decon kit	2	1	kit(s) per individual
2	M295 Decon kit	1	1	kit per individual
3	M256A1 Detector kit	1	1	kit per squad
4	M9 Detector paper	1	1	roll per 5 individuals
		1	1	roll per major piece of equipment
5	M8 Detector paper	1	1	book per individual
6	C2A1 Filters	2	1	each per M40/M42/M45 mask
		4	2	each per M43/M48 mask
7	CP Helmet covers	2	1	each per individual
8	CP Overshoes	2	1	pair per individual
9	CP Gloves	2	1	set(s) per individual
10	CP Overgarment set (JSLIST)	2	1	set(s)per individual

Legend:

CP – Chemical Protective
DECON - Decontamination

JSLIST – Joint Service Lightweight Integrated Suit
Technology

Table B-2. Individual protection equipment (IPE) items issued by exception

Item Number	Equipment Type	Quantity		Amount
		Full Load	Half Load	
11	Quick-doff hood	2	1	each per individual
12	Second skin	1	1	each per individual
13	Chemical protective undergarments	3	2	each per individual (Aviation Combat Crew)

**Appendix C
Shelf-life Reference**

Army Tank-automotive and Armament Command establishes the shelf life information for the IPE and the United States Army Medical Materiel Agency established the shelf life for medical chemical defense materiel (MCDM). Any changes to shelf life will be disseminated by the respective agencies.

Table C-1. Shelf-life reference

Item	Shelf-life
JSLIST	14 years
Protective gloves	²
Protective boots	²
Hand held assay	1 year
Helmet covers	²
Protective hoods	15 years
C2A1 canisters	5 years
M291 kit	5 years
M295 kit	5 years
M9 paper	6 years
M256A1	6 years
M100 SDS	10 years
NAAK ¹	5 years
CANA ¹	5 years
PB tablets ¹	5 years

Legend:

CANA – Convulsant Antidote for Nerve Agent
 JSLIST – Joint Service Lightweight Integrated Suit
 Technology

PB – Pyridostigmine Bromide
 SDS – Sorbent Decon System
 NAAK – Nerve Agent Antidote Kit

Note:

¹ MCDM shelf-life is from date of manufacture and assumes proper climate controlled storage. Improper storage reduces shelf-life.

² Boots, gloves, and helmet covers remain serviceable as long as they are not ripped, torn, or damaged by petroleum items.

Table C-2. Chemical, biological, radiological, and nuclear (CBRN) defense equipment items

Nomenclature	NSN
M295 Decontamination kit	4230-01-357-8456
M100 Sorbent decon system	4230-01-466-9095
M256 Detector kit	6665-01-133-4964
M291 Decontamination kit	6850-01-276-1905
M8 Paper	6665-00-050-8529
M9 Paper	6665-01-226-5589
Decontaminating agent DF200	
5gal	6850-01-501-1044
50gal	6850-01-501-1018
STB	6850-00-297-6653
Canister, insert filter	4240-01-177-2675
Hand held assay	6665-01-494-8725
Filter, C2A1	4240-01-361-1319

Legend:

GAL – Gallon

STB – Super Tropical Bleach

NSN – National Stock Number

Appendix D Service Requirement, Wipe Test, and Calibration Testing

All maintenance requirements can be found in the equipment technical manual (TM).

Table D-1. Service requirement, wipe test, and calibration testing

Nomenclature	DA 2404	Service Requirement	Wipe Test Every	Calibration Cycle
M22 ACADA	Yes	Monthly	Not Applicable	CNR
CAM ¹	Yes	Weekly/Semi-annually	Not Applicable	CNR
ICAM ¹	Yes	Weekly/Semi-annually	Not Applicable	CNR
AN/VDR-2	Yes	Quarterly	Not Applicable	1 year
AN/PDR-75	Yes	Annual	Not Applicable	3 years
AN/PDR-77	Yes	Annual	1 year	1 year
M41 PATS	Yes	See note ³	See note ³	See note ³
AN/UDR-13	Yes	Monthly	Not Applicable	3 years

Legend:

ACADA – Automatic Chemical Agent Detector Alarm
CAM – Chemical Agent Monitor
CNR – Calibration not required

DA – Department of the Army
ICAM – Improved Chemical Agent Monitor
PATS – Protection Assessment Test System

Notes:

¹ Denotes weekly run time is 30 minutes minimum and calibration not required (CNR) sticker applied.

² Units will conduct services, wipe tests, and calibrations as listed above. The primary system to track the maintenance actions is the ULLS. In both cases, the unit is required to verify and document that mandatory maintenance actions are conducted.

³ M41 PATS calibration:

- The system is turned in as excess without alcohol and batteries.
- A replacement is requisitioned with the turn-in document number listed.

Calibration and wipe test requirements are in TB 43-180.

**Appendix E
Documentation Required for Individual Protection Equipment (IPE) Requests**

DEPARTMENT OF THE ARMY
FILL IN YOUR LETTERHEAD
FORT HOOD, TEXAS 76544

Insert Office Symbol Insert Date

MEMORANDUM THRU

Commander, **YOUR HQ (BN/BDE)**, ATTN: S-4
 Commander, **YOUR MSC/Separate BDE**, ATTN: **CBRN Section**
 Commander, III Corps ATTN: G-4
 Commander, III Corps ATTN: Corps CBRN

FOR Director of Logistics, ATTN: DOL Contingency Warehouse, Fort Hood, Texas
76544

SUBJECT: Chemical Defense Equipment (CDE) Individual Protective Equipment (IPE)

1. Justification: **Deployment to XXXX**

2. **Unit name and UIC:**

3. Items Needed: IPE and CDE Items needed for (number of deploying personnel)

4. Date the equipment will be needed: **INSERT DESIRED DATE TO DRAW**

5. CDE IPE will be bulk issued to battalion/brigade size units. Units will ensure that sufficient transportation is available when picking up and have a current signature card. Exceptions will be made on a case by case basis only after coordination has been made thru III Corps CBRN and DOL Supply Division. If the unit cannot make the scheduled time, the unit must contact DOL immediately to reschedule at 287-4792 or 618-7185.

6. Unit will submit request using the attached worksheet based on actual number of deploying Soldiers.

7. Request for issue will be submitted NET 45 days and NLT 14 days prior to deployment. DOL Supply Division will provide appointments based on deployment priority directed by III Corps G-3 and supplies on hand.

8. CDE IPE will be returned IAW the Theater of Support's instructions during redeployment.

9. The unit is responsible for issuing the IPE to the individual soldier as TAT.

10. POC for this memorandum is

Commander's Signature Block

Figure E-1. Individual protection equipment (IPE) request memorandum format

POC: _____ Phone #: _____
 The following Class CDE is requested for mission: IRAQI FREEDOM
 The following Class CDE is requested for deployment to: IRAQ
 Command Chemical Approval Date: _____
 III CORPS Chemical CDE Approval Date: _____
 DOL Approval Date: _____
 Individual Requirement will be accomplished through CIF Clothing Record Bldg 89100
 Bulk Requirement will be accomplished through Temp Loan DA Form 2062 Bldg 89100
 This Spreadsheet will be used in-lieu of 2765-1's for Bulk/Turn-In
 A completed DA Form 2062 will be required at time of issue for Bulk Bn S4 must sign

SAMPLE

PERSONNEL ASSIGNED:					
PERSONNEL DEPLOYING:					
PERSONNEL NOT DEPLOYING:					
DOC NUMBER	NSN	NOMEN	SIZE	U/I	QTY ISSUED
	8415-01-506-7710	JSLIST-D COAT (1 Per Indv)	XXXL	EA	
	8415-01-505-1622	JSLIST-D COAT (1 Per Indv)	XXL	EA	
	8415-01-505-1616	JSLIST-D COAT (1 Per Indv)	XLL	EA	
	8415-01-509-8314	JSLIST-D COAT (1 Per Indv)	XL	EA	
	8415-01-444-6131	JSLIST-D COAT (1 Per Indv)	LL	EA	
	8415-01-444-6138	JSLIST-D COAT (1 Per Indv)	LR	EA	
	8415-01-444-6116	JSLIST-D COAT (1 Per Indv)	ML	EA	
	8415-01-444-5926	JSLIST-D COAT (1 Per Indv)	MR	EA	
	8415-01-444-5913	JSLIST-D COAT (1 Per Indv)	MS	EA	
	8415-01-444-5905	JSLIST-D COAT (1 Per Indv)	SS	EA	
	8415-01-444-5902	JSLIST-D COAT (1 Per Indv)	SXS	EA	
	8415-01-506-7713	JSLIST-D TROUSER (1 Per Indv)	XXXL	EA	
	8415-01-505-1591	JSLIST-D TROUSER (1 Per Indv)	XXL	EA	
	8415-01-505-1567	JSLIST-D TROUSER (1 Per Indv)	XLL	EA	
	8415-01-509-8269	JSLIST-D TROUSER (1 Per Indv)	XL	EA	
	8415-01-444-5900	JSLIST-D TROUSER (1 Per Indv)	LL	EA	
	8415-01-444-5898	JSLIST-D TROUSER (1 Per Indv)	LR	EA	
	8415-01-444-5892	JSLIST-D TROUSER (1 Per Indv)	ML	EA	
	8415-01-444-5893	JSLIST-D TROUSER (1 Per Indv)	MR	EA	
	8415-01-444-5506	JSLIST-D TROUSER (1 Per Indv)	MS	EA	
	8415-01-444-5504	JSLIST-D TROUSER (1 Per Indv)	SS	EA	
	8415-01-444-5417	JSLIST-D TROUSER (1 Per Indv)	SXS	EA	
	8415-01-144-1862	GLOVES (1 Per Indv)	XS	SE	
	8415-01-033-3517	GLOVES (1 Per Indv)	S	SE	
	8415-01-033-3518	GLOVES (1 Per Indv)	M	SE	
	8415-01-033-3519	GLOVES (1 Per Indv)	L	SE	
	8415-01-033-3520	GLOVES (1 Per Indv)	XL	SE	
	8430-01-317-3374	BVO (1 Per Indv)	3	PR	
	8430-01-317-3375	BVO (1 Per Indv)	4	PR	
	8430-01-317-3376	BVO (1 Per Indv)	5	PR	
	8430-01-317-3377	BVO (1 Per Indv)	6	PR	
	8430-01-317-3378	BVO (1 Per Indv)	7	PR	
	8430-01-317-3379	BVO (1 Per Indv)	8	PR	
	8430-01-317-3380	BVO (1 Per Indv)	9	PR	
	8430-01-317-3381	BVO (1 Per Indv)	10	PR	
	8430-01-317-3382	BVO (1 Per Indv)	11	PR	
	8430-01-317-3383	BVO (1 Per Indv)	12	PR	
	8430-01-317-3384	BVO (1 Per Indv)	13	PR	
	8430-01-317-3385	BVO (1 Per Indv)	14	PR	
	8430-01-500-0359	BVO (1 Per Indv)	15	PR	
	8430-01-450-0357	BVO (1 Per Indv)	16	PR	
	8415-01-111-9028	HELMET COVER (1 per Indv)		EA	
	6665-00-050-8529	M8 PAPER (1 per Indv)		BK	
	6665-01-226-5589	M9 PAPER (1 per 5 Indiv and major piece of equipment)		RO	
	4240-01-119-2315	C2A1 FILTER CANISTERS (1 per unless M43 or M48 Mask, then 2 per)		EA	
	4230-01-276-1905	M291 DECON KITS (1 KT per Indv)		EA	
	4230-01-357-8456	M295 DECON KITS (1KT per Indv)		EA	
	6665-01-133-4964	M256A1 DETECTOR KIT (1KT per squad)		KT	
	4240-01-413-1540	SECOND SKIN (As required)	S	EA	
	4240-01-413-1543	SECOND SKIN (As required)	ML	EA	
	4240-01-376-3152	Quick Doff Hood (As required)		EA	

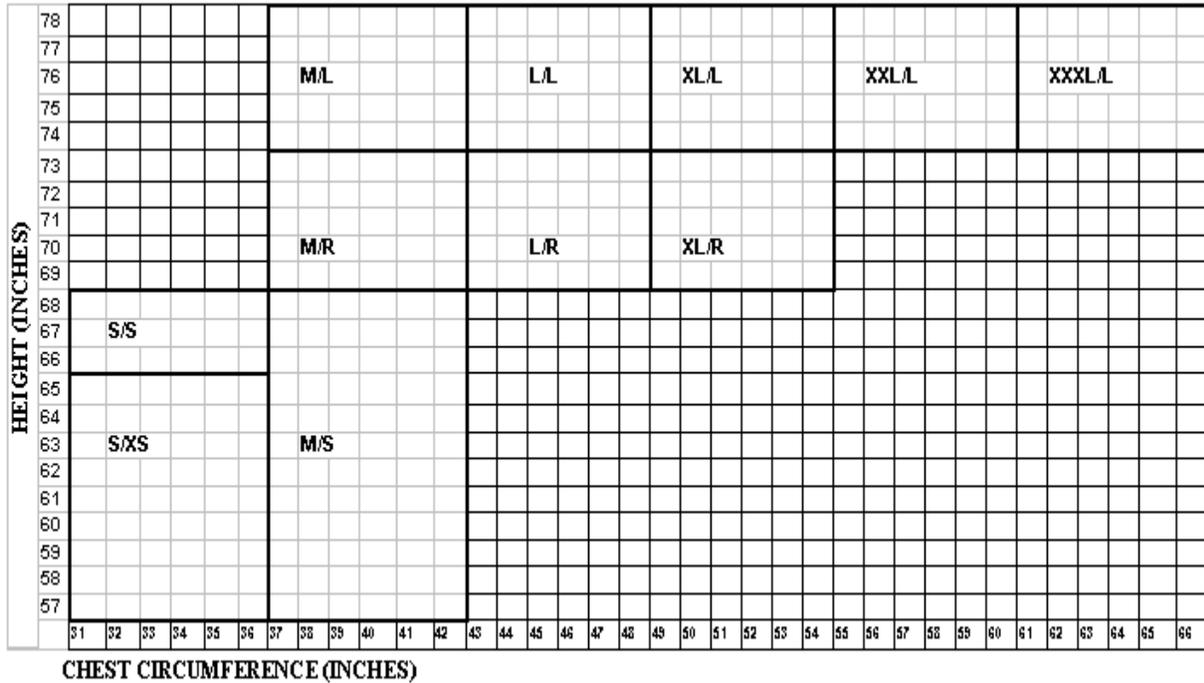
Commander Print Sign and Date: _____

Figure E-2. Individual protection equipment (IPE) request worksheet format

POC: _____ Phone #: _____ The following Class CDE is requested for mission: <u>IRAQI FREEDOM</u> The following Class CDE is requested for deployment to: <u>IRAQ</u> Command Chemical Approval Date: _____ III CORPS Chemical CDE Approval Date: _____ DOL Approval Date: _____ Individual Requirement will be accomplished through CIF Clothing Record (cg 910) Bulk Requirement will be accomplished through Temp Loan DA Form 2062 Bldg 89100 This Spreadsheet will be used in-lieu of 2765-1's for Bulk/Turn-In A completed DA Form 2062 will be required at time of issue for Bulk Bn S4 must sign						
SAMPLE						
# COMBAT CREWS:						
# PERSONNEL PER COMBAT CREW :						
# PERSONNEL REQUIRING CPUS:					0	
TWO CPUS ARE AUTHORIZED WITH ONE SET OF IPE THREE CPUS ARE AUTHORIZED WITH TWO SETS OF IPE						
NSN		NOMEN		SIZE	U/I	QTY ISSUED
8415-01-363-8692 (Size 32)		CHEMICAL PROTECTIVE UNDERGARMENT (SHIRT)		32	EA	
8415-01-363-8693 (Size 34)		CHEMICAL PROTECTIVE UNDERGARMENT (SHIRT)		34	EA	
8415-01-363-8694 (Size 36)		CHEMICAL PROTECTIVE UNDERGARMENT (SHIRT)		36	EA	
8415-01-363-8695 (Size 38)		CHEMICAL PROTECTIVE UNDERGARMENT (SHIRT)		38	EA	
8415-01-363-8696 (Size 40)		CHEMICAL PROTECTIVE UNDERGARMENT (SHIRT)		40	EA	
8415-01-363-8697 (Size 42)		CHEMICAL PROTECTIVE UNDERGARMENT (SHIRT)		42	EA	
8415-01-363-8698 (Size 44)		CHEMICAL PROTECTIVE UNDERGARMENT (SHIRT)		44	EA	
8415-01-363-8699 (Size 46)		CHEMICAL PROTECTIVE UNDERGARMENT (SHIRT)		46	EA	
8415-01-363-8700 (Size 48)		CHEMICAL PROTECTIVE UNDERGARMENT (SHIRT)		48	EA	
8415-01-488-5715 (Size 50)		CHEMICAL PROTECTIVE UNDERGARMENT (SHIRT)		50	EA	
8415-01-488-5717 (Size 52)		CHEMICAL PROTECTIVE UNDERGARMENT (SHIRT)		52	EA	
8415-01-488-5716 (Size 54)		CHEMICAL PROTECTIVE UNDERGARMENT (SHIRT)		54	EA	
8415-01-363-8683 (Size 26)		CHEMICAL PROTECTIVE UNDERGARMENT (PANTS)		26	EA	
8415-01-363-8684 (Size 28)		CHEMICAL PROTECTIVE UNDERGARMENT (PANTS)		28	EA	
8415-01-363-8685 (Size 30)		CHEMICAL PROTECTIVE UNDERGARMENT (PANTS)		30	EA	
8415-01-363-8686 (Size 32)		CHEMICAL PROTECTIVE UNDERGARMENT (PANTS)		32	EA	
8415-01-363-8687 (Size 34)		CHEMICAL PROTECTIVE UNDERGARMENT (PANTS)		34	EA	
8415-01-363-8688 (Size 36)		CHEMICAL PROTECTIVE UNDERGARMENT (PANTS)		36	EA	
8415-01-363-8689 (Size 38)		CHEMICAL PROTECTIVE UNDERGARMENT (PANTS)		38	EA	
8415-01-363-8690 (Size 40)		CHEMICAL PROTECTIVE UNDERGARMENT (PANTS)		40	EA	
8415-01-363-8691 (Size 42)		CHEMICAL PROTECTIVE UNDERGARMENT (PANTS)		42	EA	
8415-01-488-5719 (Size 44)		CHEMICAL PROTECTIVE UNDERGARMENT (PANTS)		44	EA	
8415-01-488-5722 (Size 46)		CHEMICAL PROTECTIVE UNDERGARMENT (PANTS)		46	EA	
8415-01-488-5720 (Size 48)		CHEMICAL PROTECTIVE UNDERGARMENT (PANTS)		48	EA	
Commander Print, Sign and Date: _____						

Figure E-3. Chemical protective undergarment (CPU) request worksheet format

**Appendix F
Joint Service Lightweight Integrated Suit Technology (JSLIST) Size Selection
Charts**



JSLIST COAT SIZE SELECTION CHART (MIL-DTL-32102)

Figure F-1. Joint service lightweight integrated suit technology (JSLIST) coat size selection chart

Appendix G
Chemical Protective Undergarment (CPU) Size Prediction Charts

Size Prediction Chart for CPU and mCPU Undershirt	
Chest Size (inches)	Corresponding Shirt Size
31-32	32
33-34	34
35-36	36
37-38	38
39-40	40
41-42	42
43-44	44
45-46	46
47-48	48
49-50	50
51-52	52
53-54	54

NOTE II: If individual's hip measurement is larger than chest measurement, use hip measurement to select size.

Figure G-1. Chemical protective undergarment (CPU) shirt size prediction chart

Size Prediction Chart for CPU and mCPU Drawers		
Waist Size (inches)	Seat Size (inches)	Corresponding Drawer Size
25-26	34	26
27-28	36	28
29-30	38	30
31-32	40	32
33-34	42	34
35-36	44	36
37-38	46	38
39-40	48	40
41-42	50	42
43-44	52	44
45-46	54	46
47-48	56	48

NOTE:

- III. If individual seat measurement is larger than the size indicated for regular garment, select the next larger drawer size.
- IV. Use charts as a guide. Wear the suit that is most form fitting, yet comfortable.

Figure G-2. Chemical protective undergarment (CPU) drawer size prediction chart

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III CORPS & FH REG 700-2

Glossary

Section I Abbreviations

ACADA

Automatic Chemical Agent Detector Alarm

ACofS

Assistant Chief of Staff

AMC

Army Materiel Command

AMEDD

Army Medical Department

AR

Army Regulation

ATTN

Attention

BOI

Basis of Issue

CAM

Chemical Agent Monitor

CANA

Convulsant Antidote for Nerve Agent

CBRN

Chemical, Biological, Radiological, and Nuclear

CDE

CBRN Defense Equipment

CNR

Calibration Not Required

CP

Chemical Protective

CPU

Chemical Protective Undergarment

CTA

Common Table of Allowances

DA

Department of the Army

DD

Department of Defense

DECON

Decontamination

DOL

Directorate of Logistics

DPW

Directorate of Public Works

DSU

Direct Support Unit

FH

Fort Hood

FORSCOM

United States Army Forces Command

GAL

Gallon

HAZMAT

Hazardous Material

IAW

In Accordance With

ICAM

Improved Chemical Agent Monitor

20 June 2008

III CORPS & FH REG 700-2

IPE

Individual Protection Equipment

JSLIST

Joint Service Lightweight Integrated Suit Technology

MCDM

Medical Chemical Defense Materiel

MICAS

Mobility Inventory Control Accountability System

MSA

Medical Support Activity

MSC

Major Subordinate Command

MTOE

Modified Table of Organization and Equipment

NAAK

Nerve Agent Antidote Kit

NCO

Noncommissioned Officer

NMC

Non-mission Capable

NRC

National Regulatory Commission

NSN

National Stock Number

PARA

Paragraph

PATS

Protection Assessment Testing System

PB

Pyridostigmine Bromide

REG

Regulation

SB

Service Bulletin

SDS

Sorbent Decon System

STB

Super Tropical Bleach

TAMMS

The Army Maintenance Management System

TB

Technical Bulletin

TDA

Table of Distribution and Allowances

TM

Technical Manual

ULLS

Unit Level Logistics System

USR

Unit Status Report

Section II

Terms

This section not used.