



DEFENSE LOGISTICS AGENCY

Established 1961

Technical/Quality Overview

Briefer, Position
November 21st, 2024



THE NATION'S LOGISTICS COMBAT SUPPORT AGENCY



Technical/Quality Org Chart

Supplier Support Division

Uraina Gray-Scully

**Clothing Design,
TDR,
Standardization**
Jessica Raushel

**Ecclesiastics/
Heraldics/Eng Suppt**
Karla Williams

**Dress
Clothing**
John Mumbower

Field Clothing
Andrew Strohmetz

**Individual
Equipment**
Leigh Anne
Crouthamel

**Organizational
Clothing**
TBD



Product Services & Technical Support Team

**Uraina Gray-Scully** - Division Chief, Quality and Technical Support

- Education: Mathematics, Chemical Engineering, English/Communications
- Expertise: Quality Assurance/Control, Chemical & Physical Analysis/Conformance Testing, Specification Writing/Review, ISO 9001 Auditing, Shade & Appearance Evaluation (Class 2), Title III Review

**Jessica Raushel** – Branch Chief, Clothing Design, Technical Data Repository, Standardization

- Education: Organic Chemistry
- Expertise: Quality Control Testing, Specification Writing/Review, Continuous Process Improvement
- C&T area of responsibility: Computer Aided Clothing Design, Shade Standard Maintenance, Technical Data Repository, Standardization, Packaging

**Karla Williams** – Branch Chief, Ecclesiastics/Heraldics/Engineering Support

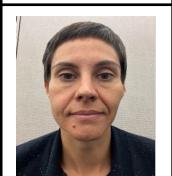
- Education: Mathematics, Textile Engineering
- Expertise: Quality Assurance, Specification Writing/Review, Physical Analysis/Conformance Testing, Quality Control Testing
- C&T Area of responsibility: Value Management, Outbound MIPRs, Textiles, Heraldics, Ecclesiastics, Flags/Pennants

**John Mumbower** – Branch Chief, Dress Clothing

- Education: Aviation Systems and Technology, Level 3 PQM, Air Force CMSgt Leadership Course and AF SNCO PME
- Expertise: Aviation Maintenance, Special Process Inspections, Continuous Process Improvement, CMSgt, Military Senior Enlisted Leader
- C&T Area of Responsibility: Military Dress Uniform T/Q

**Andrew Strohmetz** – Branch Chief, Field Clothing

- Education: Project Management, Industrial Engineering
- Expertise: Quality Assurance/Control, Project Management, Audit Readiness/Process Compliance, Product Evaluation, Specification Writing
- C&T Area of responsibility: Utilities, PT Uniforms, Accessories, ECWCS

**Leigh Anne Crouthamel** – Branch Chief, Individual Equipment

- Education: Fashion Design, Business Administration
- Expertise: Clothing Alterations, Higher level Quality Assurance, Ballistic Testing
- C&T area of responsibility: Safety and Individual Equipment teams, Tents, Shelters

TBD, Branch Chief, Organizational Clothing

C&T area of responsibility: Organizational Clothing – Special Purpose Clothing, Footwear, Gloves, ChemBio

Open positions: *Branch Chief – Organizational Clothing*, Packaging Specialist, Two Clothing Designers)



Customer Support

- Quality Notifications – Depots and End Users
- Alternate Solution Recommendations

Item Initiation

- Cataloging
- SRP Technical Review

Pre-Award

- Provide Technical Data
- PDM Evaluations

WARFIGHTER ALWAYS

C&T TQ Functions Support the Warfighter and the Acquisition Process from Cradle to Grave

Inspection & Testing

- DCMA
- PTC-A
- Stock Screenings

Post-Award Contract Support - Buyers, Contractors, Suppliers

- Waivers/Deviations
- ECPs/VECPs
- 339s – Engineering Support



Military Unique Sustainment Technology (MUST)

Interim Change Management Solution (ICMS)

- Single, secure online point of entry for IC submissions offers a more efficient process to feed specification updates and maintenance
- Provides a path to further digitize C&T data, enabling technology insertion, data-driven analysis, and business modernization
- Reporting/exporting features easily find and communicate the current, complete set of ICs
- Audit trail on technical changes provides transparency on who approved ICs and when

Digital Model Library (DML)

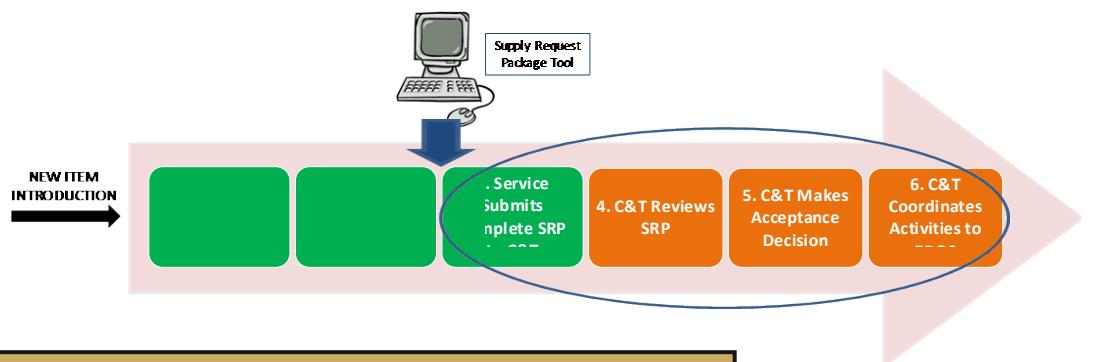
- Repository of Technical Documents (MIL-Specs, CIDs, Purchase Descriptions) converted into Digital Models
- Digital Models are Machine-Readable – Rapidly analyze requirements, structure, ICs, and referenced documents (to and from)
- Enables users to conduct requirements extractions, keyword searches, and integration with other applications (SRP, ICMS, iCAT, PLM)
- PD & Spec Management: Inline Interim Changes, Compliance Checks (MIL-STD-961)

Quality Deficiency Assessment and Resolution Tool (QDART)

- Streamlines the QN submission, review, and notification process to improve data accuracy and reduce completion time and effort.
- Focus Area 1 – Proof of Concept: Improve capabilities of the RTCs and C&T using existing product identification technology (PIT)
- Focus Area 2 – Investigate adding new PIT for quality data (QR Code Scanning)
- Improved QN Reporting: Automated emails, notifications, QN trend reports

SRP Tool

- Initiated to improve military uniform and individual equipment process visibility and traceability for communicating and managing item requirements when new items are transitioned into sustainment



MUST R&D Program is DLA C&T's Contribution to JCTMI



Shade Evaluation Improvements

D65 Shade Evaluation

Background Army analysis indicates no difference between D65 and D75 lighting sources for shade evaluation.

Goal Shift from military-specific D75 lighting conditions to Industry standard D65 evaluation

Status Mass modifications underway. DLA PTC Shade lab updated primary shade lab to D65. D65 failures verified under D75 under Oct 1.

Shade Council of Capts & Cols

Background Document explains DoD Shade Evaluation and Shade failure procedures to Industry and provides a framework to expedite decisions on failures.

Goal Update document to reflect current agreements between ESAs and DLA C&T.

Status CS-WEB AOs empowered Cross-Service Shade IPT to update the document. Draft in progress.

Shade Criticality

Background Shade criticality list described by SCCC-JAS has not been maintained. Nor are all services clear as to how to designate new items or revise the classification of existing items.

Goal Create a common understanding of shade criticality and its use.

Status C&T and the Army are reviewing existing items determinations. SCCC update will address.

TDR Renovation

Background Room is being renovated to improve HVAC capability to proper store shade standards.

Goal Remove obsolete shade standards from collection to improve inventory control.

Status Seven pallets of obsolete shade standards sent to Disposition. Concurrence pending from several ESAs on remaining rolls. Renovation ECD unknown.



C&T TQ Division Re-Organization

Technical Support 1

Clothing Design, TDR, Standardization

Jessica Raushel

Clothing Design

Lauren Carman Carlos Cortez
Frank Miller Pam Costello
2 VACANCIES

Technical Data Repository

Darryl Bulls
Martin Coghlan

Standardization

Renisha Griffin
Ray Kauffman
John McCarrick
Packaging Specialist (VACANT)



Clothing Design/TDR/Standardization

Supervisor: Jessica Raushel

- Clothing Design
 - Patterns
 - Special Measurements
- Tech Data Repository
 - Shade Standards
- Standardization
 - Cataloging
 - CAR/SRP Entry Point
 - Packaging Specialist



C&T TQ Division Re-Organization

Technical Support 2

Ecclesiastics/Heraldics/Eng Support
Karla Williams

Textiles, Heraldics, Ecclesiatics

Bob Fitzgerald
Mark Budhoo
David Miller
Phong Huynh
Anthony Salatka

Engineering Support C&T 339 Focal Point

Sue Coyle

Value Engineering

Chenora Scarborough
Ismaila Jabbie

Product Data Management

Louise Keirans



Ecclesiastics/Heraldics/Eng Support

Supervisor: Karla Williams

- Value Management
- Engineering Support
 - C&T 339 Focal Point
 - Outbound MIPRs
- Textiles (Cloth, Webbings, Tapes, Thread)
- Ecclesiastics
- Heraldics: Medals, Decorations, Badges, Insignias, Name tapes, Flags, Bedding, Mattresses, COTS



C&T TQ Division Re-Organization

Recruit Dress Clothing

John Mumbower

Dress Coats, Jackets
AWC

Angela Maragni
Hang Nguyen

Trousers and
Slacks

Jeffrey Lewis

Shirts, Blouses,
Maternity Items

Leonard Johnson
Andrew Cabrera

Cloth

Vikkyta Rainer

Sweaters, Dress
Headgear

Gary Morris



Dress Clothing

Supervisor: John Mumbower

- Dress Coats
- Dress Shirts
- Dress Trousers and Slacks
- Dress Sweaters
- Dress Skirts
- Dress Hats, Jumpers, Maternity
- Dress Outerwear (All Weather Coats, Jackets)
- Non-Government Furnished Material (non-GFM) Cloth



C&T TQ Division Re-Organization

Field Clothing

Andrew Strohmetz

Utility Uniforms

Lisa Maurer
Kristyn Pretcher
Michael Milton
Kimeisha McLaren

Accessories/PT Uniforms

Terry Donahue
Paula Evans
Ed DiMarco

Cold Weather Clothing

LeNita McCoy
Stephen Swartz



Field Clothing

Supervisor: Andrew Strohmetz

- **Utility Uniforms**
 - Advanced Combat Uniform (ACU)
 - Improved Maternity Advanced Combat Uniform (IMACU)
 - Flame Resistant Advanced Combat Uniform (FRACU)
 - Improved Hot Weather Clothing Uniform (IHWCU)
 - Navy Working Uniform (NWU Type III)
 - Coast Guard Operational Duty Uniform (ODU)
 - Marine Corps Combat Utility Uniform (MCCUU)
 - Marine Corps Tropical Uniform (MCTU)
- **Extreme Cold Weather Clothing:** (ECWCS, FREE, FROG, Gen III, NWU, Parkas, Trousers, Liners, Undershirts, Drawers, Caps, and Balaclavas)
- Accessories, PT Uniforms
- Caps



C&T TQ Division Re-Organization

Safety and Individual Equipment

Leigh Anne Crouthamel

Safety

Audley (AJ) English
Kathleen Gullifer
Eric Emery
Matthew Giacobbe
Miguel Berroa

Individual Equipment

Carolyn Bullard
Leah Schwartz
George Sabo
John Dressel

Tents, Shelters, and Sleep Systems

James Vitrano
Diane Cotton
Leslie Jones



Individual Equipment & Safety

Supervisor: Leigh Anne Crouthamel

- Helmets, Visors, Retention Systems, Helmet pads and covers
- Body Armor (hard and soft)
- Anti-Gravity (Anti-G), ATAGS, and Anti-Exposure Suits
- Modular Lightweight Load Bearing Equipment (MOLLE) and other pack systems
- AIRSAVE, Aircrew Endurance, Survival Vests
- Canteens, Sleeping Pads, Trunk Lockers, ID Tag Covers, Shower Pails, Waterproof bags, and Forest Service Individual Equipment Items
- Tents, Tarpaulins, Shelter Systems, Sleeping Systems



C&T TQ Division Re-Organization

Organizational Clothing

VACANT

Special Purpose Clothing

Sean O'Connell
Eric Reed
Vincenzo Pepe
Ed Davila

Footwear

Brett West
Chris Scott
Allen DePue

ChemBio

Brianne Jones

Gloves

Joseph Egenolf
Vi Dai



Organizational Clothing

Supervisor: VACANT

- **Special Purpose Clothing**

- Clothing Systems and Coveralls for Flyers, Shipboard & Flight Deck personnel
- Combat Vehicle Crewmen Coveralls (ICVC)
- Otto & JP-8 fuel handlers
- Advanced Combat Shirt and Pants (ACS/ACP)

- **Footwear:** Hot/Temperate/Cold/Intermediate Cold-Wet/Extreme Cold Weather Boots, Poromeric shoes, Moulder boots, Gaiters and Braddock devices, Athletic footwear

- **Gloves:** Anti-Flash, Barbed wire, Disposable, Dress, Summer Flyers', Light Duty Utility, Otto Fuel, Electrical, Intermediate Cold/Wet, Welders, ECW Mittens, Inserts, Liners, RCP Coveralls

- **ChemBio:** JSLIST, JPACE/LJPACE, JB2GU, MALO





DEFENSE LOGISTICS AGENCY

Established 1961

Source Sampling Program

Jessica G. Posio
Chemist, Color Scientist

November 21, 2024



THE NATION'S LOGISTICS COMBAT SUPPORT AGENCY



Source Sampling Program

November 21, 2024



Purpose:

Review the Source Sampling Program evaluation process performed by the Product Test Center team.

Agenda:

- Correct information to include on Form DD1222
- Requirements for Passing Results
- Review of Reasons for Failure to comply with AQAR
- Review of Reasons for Failure
- Explanation of Form 6004



Information



Guidance



Decision



Other



Source Sampling Program

- Source Tested (STEST) – includes correlation testing done at the PTC
- Source Untested (SUNTEST) – includes all outside quality testing reports which are provided to the PTC for our review.
 - PTC associates assigned SUNTEST reports to be processed within 30 days
 - Stamped DD Form 1222
 - Completed Test Report from manufacturer



Source Sampling Program

PTC-A Form 005 for Lot Notification must be sent prior to lot acceptance

- Fill out Box 1, 3, and 5 of Section A
- Include all completed lots in Section B with the following information:
 - Material to be tested
 - Contract Number
 - Government Lot Number
 - Lot Presentation Date
 - Specification Number



Source Sampling Program

5.2. DD Form 1222 for Source Sampling

| REQUEST FOR AND RESULTS OF TESTS | | | | PAGE NO. | NO. OF PAGES |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|----------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|-----------------------------------------------------|--------------|
| SECTION A - REQUEST FOR TEST | | | | | |
| 2. FROM: (Include ZIP Code) TWILL INDUSTRIES JANE JONES | | 1. TO: (Include ZIP Code) DLA PRODUCT TEST CENTER 700 ROBBINS ST., BLDG 5D PHILADELPHIA, PA 19111 | | | |
| 3. PRIME CONTRACTOR AND ADDRESS (Include ZIP Code) GOVERNMENT WARFIGHTER INCORPORATED | | 4. MANUFACTURING PLANT NAME AND ADDRESS (Include ZIP Code) TWILL INDUSTRIES | | | |
| CONTRACT NUMBER SPE1C1-10-D-0456 | | P.O. NUMBER | | | |
| 5. END ITEM AND/OR PROJECT Blouse, Marine Corps Desert Uniform | | 6. SAMPLE NUMBER | | 7. REASON FOR SUBMITTAL Source Sampling | |
| 9. MATERIAL TO BE TESTED Cloth, Nylon/Cotton | 10. QUANTITY SUBMITTED 3 - 5 yd pieces | 11. QUANTITY REPRESENTED 3,124 yd | 12. SPEC. & AMEND AND/OR DRAWING NO. & REV. FOR SAMPLE & DATE MIL-PRF-MCCUU E, Class I, Type II | | |
| 13. PURCHASED FROM OR SOURCE | | 14. SHIPMENT METHOD | | 15. DATE SAMPLED AND SUBMITTED BY Jane Jones | |
| 16. NSN SAMPLE | | 17. PART NUMBER | | 18. LOT/BATCH NUMBER 1 | |
| 19. DATE OF MANUFACTURE (YYYYMMDD) | | 20. ENGINEERING AUTHORITY | | 21. MQCSS/QSL REVIEW <input type="checkbox"/> | |
| 22. REMARKS AND/OR SPECIAL INSTRUCTIONS AND/OR WAIVERS. By signing in box 15, I certify that the samples referenced above were randomly selected and represent the lot identified above. Shade: MARPAT Desert Roll #3848 Sample numbers: 769322, 769245, 769252 | | | | | |
| 23. SEND REPORT OF TEST TO warfighter@gwi.com; jjones@twillinds.com | | | | | |
| SECTION B - RESULTS OF TEST (Continue on plain white paper if more space is required) | | | | | |
| 1. DATE SAMPLE RECEIVED (YYYYMMDD) | 2. DATE RESULTS REPORTED (YYYYMMDD) | 3. LAB REPORT NUMBER | | | |
| 4. TEST PERFORMED | RESULTS OF TEST | SAMPLE RESULT | | REQUIREMENTS | |
| DATE (YYYYMMDD) | TYPED NAME AND TITLE OF PERSON CONDUCTING TEST | | SIGNATURE | | |

Requirements for the Source Untested report submission to be accepted by the Product Test Center

- Use the March 2021 edition of DD Form 1222
- Complete Section A Boxes 1-23 in their entirety
 - Contract Number
 - End Item
 - Correct Quantity Represented
 - Specification
 - Lot Number
 - Sample Numbers



5.6. Lab Report Sample

Stark Industries

47 Ishamel Ave, New York, NY 07319
Tel: (402)-555-1660 Fax: (402)-555-1611

Specification: GL/PD 13-04A/13-08A & 13-05A/13-09A, Dtd. 19-March-2014
Product: Basic Material, Jacket/Pants (Unisex & Female) Army Physical Fitness Uniform
Customer: Various
Item: MP90700S Shade: Black 557 Lot: 3
Yardage: 12,368
Testing Completed: July 25, 2014
Contract No. SPM1C1-10-D-F010, SPM1C1-12-D-F512

Test: Fed. Std. 191A
Unless Noted Otherwise

Roll #1
631613

Roll #1
631799

Roll #1
631948

Page 1 of 2

Weight, oz./sq.yd.
p.p 3.4.1, ASTM D 3776 Option C
3.5 (+/- 0.3)

3.5
3.5
3.5
3.5
3.5

3.5
3.4
3.4
3.5
3.4

3.5
3.5
3.5
3.5
3.5

5 Readings w/average

3.5
3.5
3.5
3.5
3.5

3.4
3.4
3.5
3.4
3.5

3.5
3.5
3.5
3.5
3.5

Yarns per inch
ASTM D 3775
Warp 157 minimum

Warp
160
159
159
159
159

Warp
159
159
159
159
159

Warp
159
159
160
159
159

5 Readings w/average

159
159
159
159
159

159
159
159
159
159

159
159
159
159
159

Yarns per inch
ASTM D 3775
Fill 66 minimum

Fill
74
74
74
74
73

Fill
72
72
72
72
73

Fill
74
74
74
74
74

5 Readings w/average

74
74
74
74
73

72
72
72
72
73

74
74
74
74
74

SAMPLE

Source Sampling Program

A Passing report will include:

- Correct Specification
- Correct Material, and End Item
- Lot number
- Correct Contract Number
- Correct number of samples
- Correct test methods used
- Correct number of measurements recorded
- All tests listed in the specification are performed



Passing Reports

- All information in Section A of DD Form 1222 is filled in and correct including (but not limited to):
 - Listed End Item matches the contract
 - Correct Specification is listed in box 12
 - Lot number listed on report matches box 18
 - Sample numbers listed in report match box 22
- All required tests listed on specification are present in the test report
- All reported results meet the requirements listed in the specification
 - using the correct test method
 - correct number of measurements recorded for each test according to the test procedures



Failure to Comply with AQAR Reports

Failure to Comply with the DLA Troop Support Clothing & Textiles Additional Quality Assurance Requirements (AQAR) examples include:

- More than one color or pattern listed on a single DD Form 1222
- All lots must be listed in lot notification (PTC-A Form 005) prior to test reports being sent for evaluation
- Incorrect number of measurements recorded for any required test
- Only an average of measurements recorded for any required test
- Incorrect number of samples tested for the size of the lot
- Lot number used must be a numerical government lot number



Failing Reports

Reasons for failure may include:

- Incorrect Contract and/or specification on DD1222
- Item on DD1222 does not match item listed on the test report
- Requirements listed on test report do not match what is listed in the specification
- Incorrect test methods used
- Results recorded on test report do not meet requirements
- Not all tests listed in the specification were recorded on the test report



Source Sampling Program

Resources:

[DLA Troop Support Clothing & Textiles Additional Quality Assurance Requirements](#)

