

I) GENERAL INFORMATION

a) Company Name: Data Device Corporation - ISO 9001 Registered

AS9100 Registered

Manufacturing Line Certified by DLA to MIL-PRF-38534 (Class H & K)

b) Address: Facility Location: 105 Wilbur Place, Bohemia, NY 11716

Remit To: P.O. Box 933083, Cleveland, OH 44193

c) Internet Address: WWW.DDC-WEB.COM

d) <u>Telephone:</u> (631) 567-5600

e) Fax - Main - (631) 567-7358 Fax - QA - (631) 244-8252

f) <u>CAGE Code:</u> 19645 <u>D & B Number:</u> 05-497-8952 <u>Tax ID No.:</u> 11-2226748

g) Facility Area: 100,000 sq. ft.

h) Manufacturing Area: 29,000 sq. ft.

i) Clean Room: Class 10,000/100,000

j) Sales: Military: 90% Commercial: 10%

k) Number of Employees: Total: 125

Product Assurance: 10 Manufacturing: 32 Engineering: 32

In Business since 1964

m) Supplies/Services: Data Device Corporation is a leading designer and manufacturer of Data

Conversion products offering a complete line of MIL-STD-1553 Data Bus and Fibre Channel, for military, aerospace and commercial applications.

II) SENIOR ORGANIZATION CHART

President Adam Crossman

VP, Operations <u>Director Human Resources</u>

Adam Hollander Nancy Schreck

VP, Finance VP, Engineering – Global Engineering Leader

Jennifer Filippone Frank Bloomfield

VP, Sales/MarketingQuality DirectorMonica MontgomeryMarshall Maggipinto

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III) MAJOR CUSTOMERS				
a) BAE		c) Benchmark	e) General Dynamics Land Systems	
b) Lockheed Martin		d) Raytheon		
IV) QU	ALITY PROGRAM CHA	RACTERISTICS		
4.1 -	DDC is ISO9001 Registered – DQS, Inc. [Certificate is available on DDC website.]			
4.2 -	DDC is AS9100 Regis [Certificate is available			
4.3 -	DDC's Product Assura	ance Manual (PAM) can be provid	ed upon request.	
4.4 -		oly lines are certified by DLA to MI able on DDC website.]	L-PRF-38534 for Classes "K," "H," "G," and "D" Products.	
4.5 -	DDC has an independ	ent Quality organization reporting	directly to the Vice President of Engineering.	
V) DRA	WINGS, SPECIFICATION	ONS AND PROCEDURES		
5.1 -	All DDC drawings and	specifications are controlled usin	g a central documentation control system.	
5.2 -	The documentation co	ontrol system ensures that only the	e latest revision of drawings and specifications are used.	
5.3 -	The documentation co	ontrol system provides for the rem	oval of obsolete and superseded or changed documents.	
5.4 -	The documentation co	ntrol system is maintained by the	Engineering Documentation group.	
5.5 -	Design, Drawing and	Change Control is the responsibili	ty of the Engineering Department.	
VI) METROLOGY AND CALIBRATION OF INSPECTION, MEASURING AND TEST EQUIPMENT				
6.1-	DDC's calibration and	control system conforms to the re	equirements of ANSI/NCSL Z540.3-2006.	
6.2 -	All standards are trace	eable to the National Institute of S	tandards and Technology (NIST).	
6.3 -	Historical calibration r	ecords are maintained.		
6.4 -	All tools and test equi	oment are labeled showing evider	nce of calibration status.	
6.5 -	DDC maintains writter	procedures for calibration.		
6.6 -	All tool calibrations are	e performed by DDC's metrology l	ab or by approved outside calibration laboratories.	
6.7 -	All electrical equipment laboratories.	nt calibrations are performed by D	DC's metrology lab or by approved outside calibration	
6.8 -	DDC Equipment List is	s available on request.		

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VII) PURCHASING AND RECEIVING INSPECTION				
7.1 -	DDC maintains an Approved Supplier List (ASL).			
7.2 -	DDC maintains records of supplier evaluations, Source Inspection and on-site supplier evaluations.			
7.3 -	DDC collects and maintains incoming inspection supplier performance data.			
7.4 -	Supplier performance data is utilized by other departments in making procurement decisions.			
7.5 -	All supplier PO's are available for use by receiving inspection personnel.			
7.6 -	All incoming material is subject to inspection per DDC's Standard Operating Procedure.			
7.7 -	Periodic analysis is performed on raw materials. (Ex. Inks, Epoxy, Getter, etc)			
7.8 -	Historical records are maintained on all incoming material including acceptance and rejection results, as well as quantities received.			
7.9 -	ESD precautions are implemented in accordance with ANSI/ESD S20.20.			
7.10-	Incoming Inspection maintains segregated and secured areas for nonconforming material.			
VIII) IN-PROCESS, FINAL INSPECTION AND TEST				
8.1 -	DDC maintains records of all inspections and tests performed.			
8.2 -	Inspection/Test status maintained by use of travelers and stamps.			
8.3 -	Current specs, drawings, procedures, ECN's, etc., are readily available for use by inspection personnel.			
8.4 -	DDC maintains Quality records for a minimum of 7 years.			
8.5 -	In-process inspection and test are performed under the surveillance of Quality Assurance.			
8.6 -	Final inspection is performed by Quality Assurance personnel.			
8.7 -	Lot traceability is maintained by the use of a serial number and lot numbering system.			
8.8 -	Nonconforming material is identified and segregated from acceptable material.			
8.9 -	Appropriate ESD precautions are implemented in accordance with MIL-STD-1686.			
8.10 -	Periodic audits are performed by Quality Assurance Engineering to assure compliance to documented procedures, and quality system requirements.			

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IX) FAILURE ANALYSIS			
9.1 -	DDC maintains a failure analysis system.		
9.2 -	When failure analysis is required, all defective product and related data is analyzed to determine the root cause and the extent of the discrepant condition.		
9.3 -	The data received from failure analysis is used to formulate corrective action and prevent recurrence.		
9.4 -	Failure analysis is performed by DDC Manufacturing, Quality, and Process and Test Engineering personnel.		
9.5 -	DDC maintains an in-house, real time, digital x-ray system.		
X) CON	TRACT REVIEW		
10.1 -	DDC Inside Sales Department is the central point-of-contact for all contractual documentation.		
10.2 -	During the quotation phase, for non-standard products, the Contracts Department distributes all pertinent customer documentation to Engineering and Quality Assurance Engineering for review and comments.		
10.3 -	DDC Quality Assurance, Design, and Test Engineering review all customer specification control drawings for non-standard products. These non-standard products are identified by unique part numbers or suffixes assigned by DDC.		
10.4 -	DDC Quality Assurance Engineering reviews all Quality provisions of customer purchase orders for non-standard product flow down through manufacturing and product delivery.		
10.5 -	Any comments or exceptions from the quotation and/or purchase order review for non-standard products are given to Inside Sales for communication to and resolution with the customer.		
10.6 -	A Product Assurance Plan (PAP) is generated as a checklist by Quality Assurance Engineering for defining the quality requirements for non-standard products.		
10.7 -	The PAP provides all planning elements for Engineering, Manufacturing, Quality Assurance, and Quality Control, to assure compliance to contractual requirements for non-standard products.		
XI) GEN	IERAL INFORMATION		
11.1 -	ESD protective packaging is used when shipping and storing static sensitive devices.		
11.2 -	DDC maintains written instructions for ensuring proper methods of Packaging and Shipping.		
11.3 -	DDC does not use loose fill when packaging product.		
11.4 -	DDC utilizes Statistical Process Control (SPC) in manufacturing.		
11.5 -	Sampling plans are in accordance with ANSI/ASQC Z1.4.		
11.6 -	Special Processes: DDC does not perform any special processes as defined by AS9100.		
11.7 -	Counterfeit Material Avoidance Process Requirements: DDC maintains a counterfeit item risk mitigation process with its suppliers that is designed to meet AS6081 by purchasing only from OEM's and OEM franchised distributors.		

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14.3 -

QUALITY ASSURANCE SELF SURVEY FACT SHEET

XII) TRAINING 12.1 -Personnel are hired and qualified based on education, experience and on-the-job training. 12.2 -Supervisors assess individual training needs based on job requirements and responsibilities. XIII) CONTINUAL IMPROVEMENT 13.1 -The company has a Process Improvement Steering Committee that has the responsibility to identify, select and oversee projects and their progress. 13.2 -DDC evaluates customer ratings/scorecards to identify areas of improvement and to increase customer satisfaction. The following email address has been established for this purpose: pacustrating@ddc-web.com XIV) CORRECTIVE AND PREVENTIVE ACTION SYSTEM 14.1 -DDC maintains a root cause corrective action system and in certain cases follows the '8D' problem solving methodology. 14.2 -Inputs to this system come from, customer complaints, inspection rejects, internal audits, qualification test failures and external audit findings.

DDC maintains a preventive action system that reviews several data streams for adverse trending.

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