



2025 Aviation Fuel Handling Training Symposium



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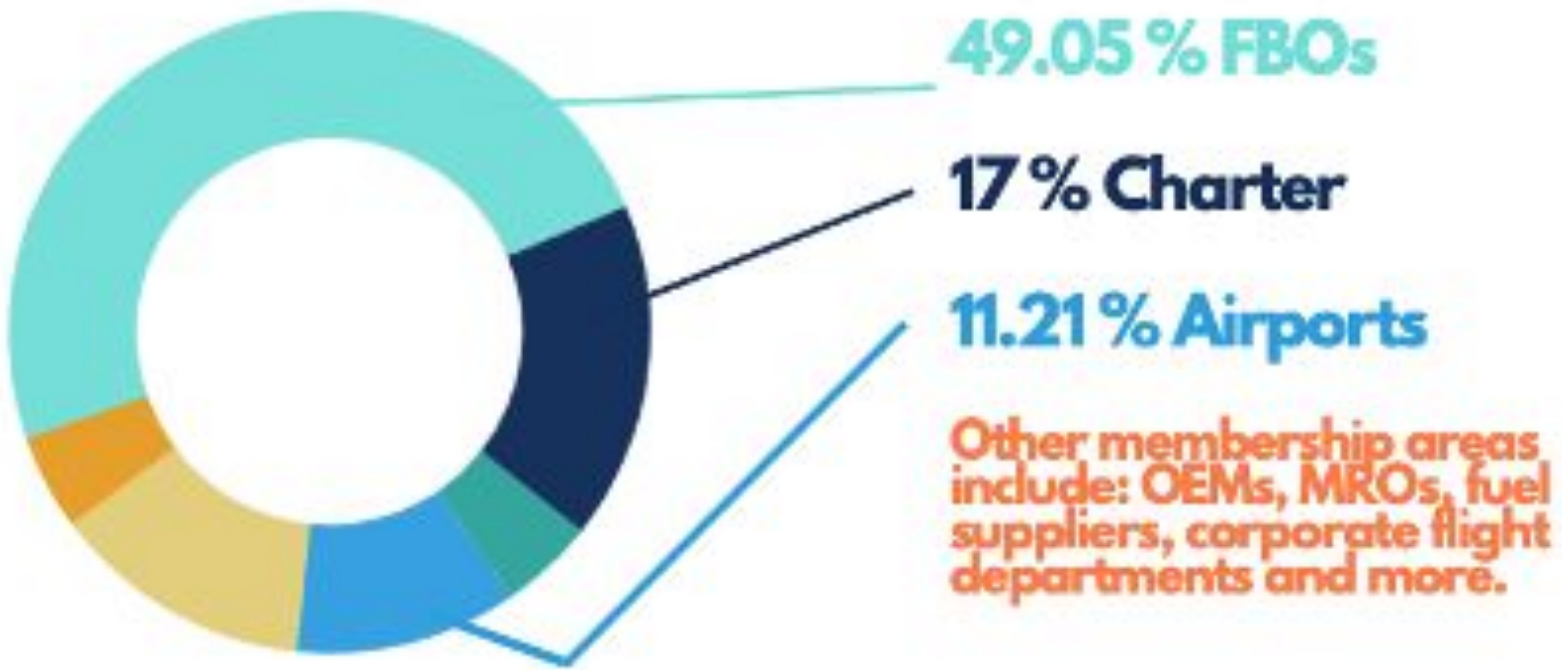


ON THE GROUND / IN THE AIR / AT THE HILL

- Aviation Business Advocates since 1940
- More than 3700 Member Companies
- Committee Driven Association
 - Safety Committee
 - Airport Business Committee
 - Environment Committee
 - Air Charter Committee
 - Aircraft Maintenance Committee
 - AAM Committee



Who do we represent?



Managing Fuel Quality



Take Control

Be Proactive

Mitigate Complacency

What's Out There



The Good

The Bad

The Ugly

Contamination is 100% Preventable



- **Have a QC Management Program**
- **Train Those Responsible**
- **Mitigate Human Factors**

Effective QC Management

It doesn't happen by accident

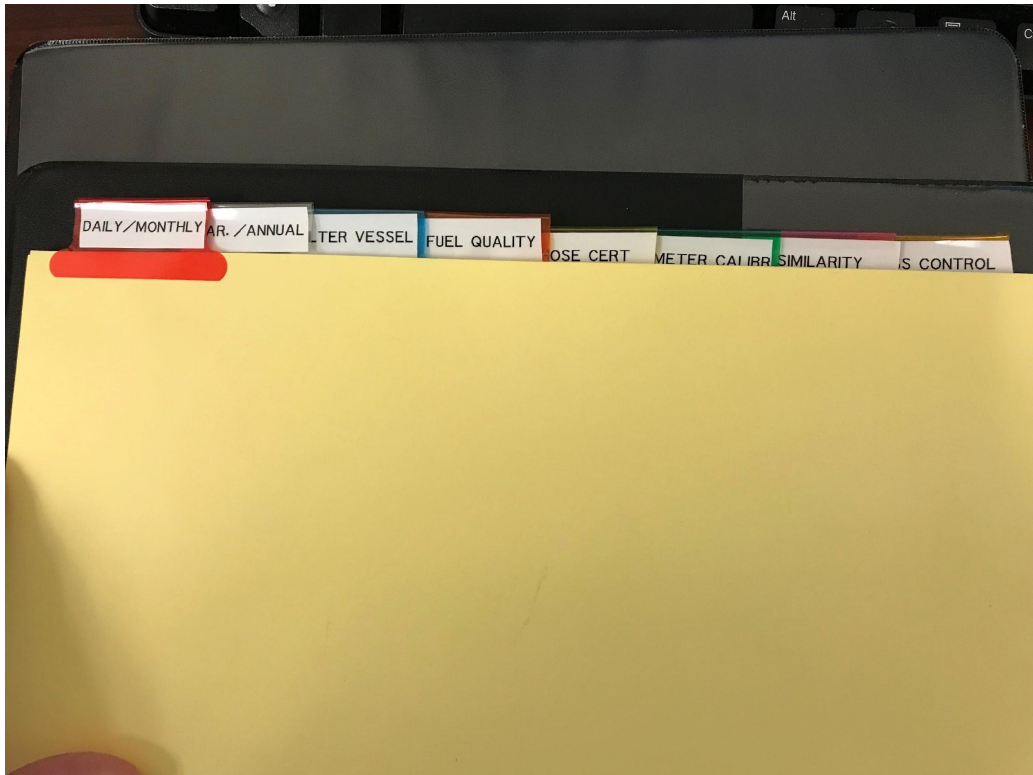


- **Document Inspections**
- **Catch concerns**
- **Know your normal**

Documentation

Find it Fast...

THIS:




NOT THIS:



AATA®
SAFETY1ST
FUEL QUALITY MANAGEMENT SYSTEM

NDX

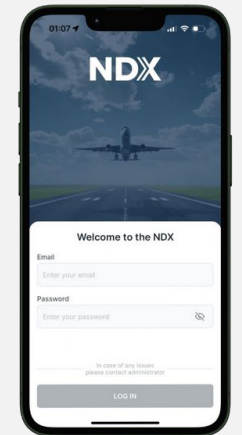
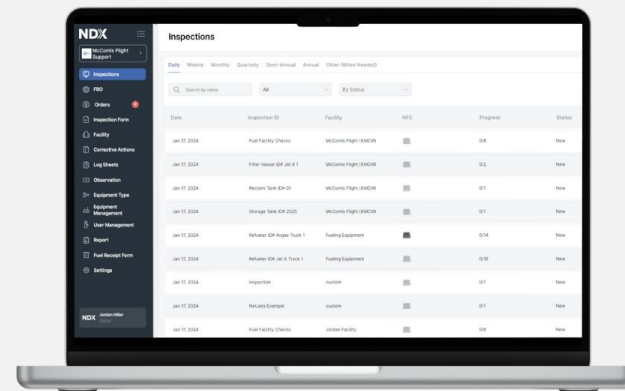
Seamless Integration With Existing Processes

AIRCRAFT FUELING EQUIPMENT CHECKS	STATION: MPTK	FACILITY: Fueling Equipment	EQUIPMENT ID: New Jet 1	MONTH: September	YEAR: 2023																														
DAILY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30					
1. GENERAL CONDITION	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S			
2. FILTER BUMPS - RECORD RATINGS	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A			
3. FILTER DIFFERENTIAL PRESSURE	4	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4			
4. LEAKDOWN CONTROLS	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S			
5. SAFETY INTERLOCKS	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S		
6. NOZZLE FUELING PRESSURE	30	40	41	40	42	42	41	38	41																										
7. HOSES, NOZZLES & SWIVELS	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S		
8. STATIC WELLS, CABLES & CLAMPS	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S		
9. LIFT PLATFORMS	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
10. FIRE EXTINGUISHERS	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S		
11. SURGER/RELIEF TANKS	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
12. AIR TANKS	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S		
13. REFUELING TRUCK TROUGH	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S		
14. REFUELING TRUCK BUMPS	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A		
14a. ADDITIONAL TANK COMPARTMENT/SUMP DRAIN	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A		
14b. ADDITIONAL TANK COMPARTMENT/SUMP DRAIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
14c. ADDITIONAL TANK COMPARTMENT/SUMP DRAIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
15. REFUELING BOTTOM LOADING PRE-CHECK	S	S	S	S	N/A	N/A	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	
IDENTIFICATION OF PERSON PERFORMING TASKS OR PERSON ACCEPTING RESPONSIBILITY THAT TASKS WERE PERFORMED																																			
REMARKS:																																			

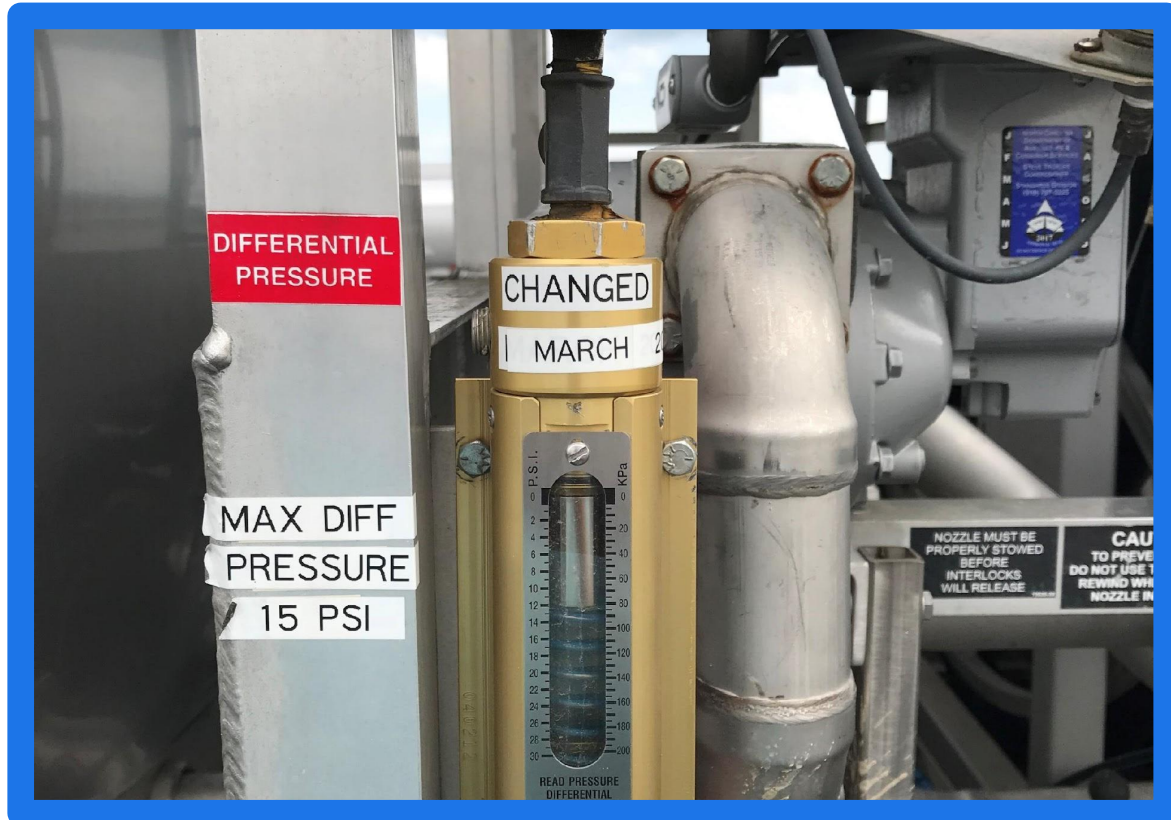
CONDITION CODES: S = SATISFACTORY; C = COMMENT (REQUIRED IN REMARKS SECTION); NU = NOT USED; NA = NOT APPLICABLE
 RATING OF BUMP SAMPLES:
 1 = CLEAN; 2 = SLIGHT; 3 = PARTICULATE; 4 = DIRTY
 5 = OILY; 6 = SLOTT; 7 = HAZY; C = CLOUDY; D = WET (PURE WATER); E = SUBSTANTIANT
 RETURN ON FILE FOR 12 MONTHS

ATA FORM 103.044 Rev. 01/2023

Bridging Traditional Recordkeeping with Modern Compliance Tools



Catch Concerns



- **Max is 15psi**
- **Your normal DP is 5psi**
- **Now you're at 13psi**
- **Is that "Satisfactory"?**

**For the best return on
your money, pour your
purse into your head.**

Benjamin Franklin

Training and Education

Invest in it!



A True Story...

Mitigating Human Factors

The Ol' Pencil Whip...



- Always 1A
- Always Satisfactory
- **Always a Red Flag**



