

**ASBESTOS HAZARD**

NASA HAS CONDUCTED CERTAIN TESTS OF AREAS AFFECTED BY THIS CONSTRUCTION PROJECT TO DETERMINE WHERE POSSIBLE ASBESTOS HAZARDS EXIST, AS OF THIS DATE.



CONTRACTOR SHOULD USE CAUTION WHERE EXISTING INSULATION IS DISTURBED AND REPORT ALL SUSPECT ASBESTOS HAZARDS TO NASA FOR IMMEDIATE TESTING. DO NOT PROCEED WITH DEMOLITION WHERE POTENTIAL ASBESTOS HAZARDS EXIST.

THE FOLLOWING SPECIFIC EQUIPMENT WAS TESTED FOR ASBESTOS HAZARD.

- BLOWDOWN FLASH TANK INSULATION - NEGATIVE
- BLOWDOWN FLASH PIPE INSULATION : RUNS, ELBOWS AND VALVES - NEGATIVE
- SC-24-1 ORANGE PIPE INSULATION - NEGATIVE
- COND-24-1 WHITE VALVE INSULATION - POSITIVE (4% CHRYSOTILE)

**COORDINATION OF CONSTRUCTION WITH NASA**

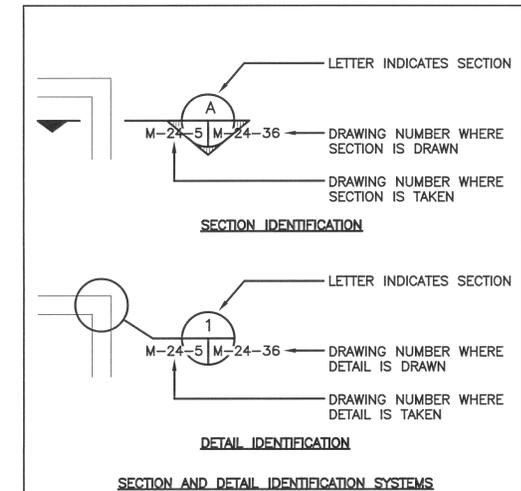
ALL ASPECTS OF THIS CONSTRUCTION PACKAGE REQUIRE CLOSE COORDINATION WITH NASA PERSONNEL. THIS INCLUDES, BUT IS NOT LIMITED TO, THE TIME SCHEDULE OF DEMOLITION AND NEW CONSTRUCTION INCLUDED IN THE SPECIFICATION. CONTRACTOR SHALL CLOSELY COORDINATE ALL DEMOLITION AND NEW CONSTRUCTION WITH NASA TO REDUCE DOWN TIME AND INCONVENIENCE OF NASA OPERATIONS TO LOWEST POSSIBLE LEVEL.

UNDER NO CIRCUMSTANCES SHALL CONTRACTOR TAKE ANY OPERATING EQUIPMENT OR ANY EQUIPMENT REQUIRED FOR OPERATION OF OTHER EQUIPMENT OUT OF SERVICE WITHOUT ADVANCED NOTIFICATION AND APPROVAL OF NASA PERSONNEL.

NO MORE THAN ONE BOILER MAY BE OUT OF SERVICE AT ANY GIVEN TIME.

**BLOWDOWN PIT SAMPLING**

NASA HAS CONDUCTED SOIL SAMPLING AND TESTING OF REPRESENTATIVE SOIL SAMPLES BENEATH EACH BLOWDOWN PIT LOCATED AT BUILDING 24 TO DETERMINE THE POSSIBLE PRESENCE OF METALS AND SPECIFICALLY FOR HEXAVALENT CHROMIUM. THE ANALYTICAL DATA INDICATES THAT THERE ARE NO METALS CONCENTRATIONS ABOVE TCLP LIMITS DETECTED IN THE SOIL SAMPLES COLLECTED FROM THE BLOWDOWN PITS AT B24. BASED ON THE DATA OBTAINED DURING THE APRIL 30, 2010, SOIL SAMPLING EVENT, NO FURTHER ACTION IS NEEDED REGARDING SOIL CONTAMINATION AT THE BLOWDOWN PITS FOR B24.



PIPE LINE DESIGNATIONS		CONSTRUCTION INTERFACE	
—BD—	BLOWDOWN LINE	CONNECT NEW CONSTRUCTION TO EXISTING	LIMIT OF DEMOLITION DISCONNECT POINT
D.I.	DUCTILE IRON	NEW → EXIST	DEMO → EXIST
		—————	—————
		EXISTING TO REMAIN	EXISTING TO REMOVE OR NEW

**OTHON**  
CONSULTING ENGINEERS  
F-1471 HOUSTON • AUSTIN • DALLAS



"ENTIRE SHEET IS OPTION 1"

1	2/09/11	REVISED ASBESTOS HAZARD NOTE
0	9/24/10	ISSUED FOR CONSTRUCTION
REVISION	DATE	DESCRIPTION
DR.	ENG	NATIONAL AERONAUTICS & SPACE ADMINISTRATION LYNDON B. JOHNSON SPACE CENTER HOUSTON, TEXAS BUILDING 24
CH	APPR	
<b>CIVIL LEGEND</b>		
REV		PROJECT NO.
DISCP		PROJECT ID / HR
PE		CODE, REVISION NO., SIZE
APPR		SHEET NO. _____ OF _____ DWG NO. C-24-1

SDATES \$TIMES \$USERS \$FILES\$ \$FILESS