

COMMODITY INSPECTION REPORT			CHECK <input checked="" type="checkbox"/> SALES <input type="checkbox"/>	PROCUREMENT <input type="checkbox"/>	OTHER
CONTRACT NO. SPO088-00-S-00136		COMMODITY ZIRCONIUM		PROGRAM NDS	INSPECTION REPORT NO. 00136-8
RELEASE OR S/I NO. 4-NEW HAVEN		LOT NUMBER Pile No 111A		REGION NO. DNSC-EQ	DATE OF INSPECTION 6-8 Dec 00
PURCHASER OR CONTRACTOR CMS ENTERPRISES DEVELOPMENT LLC, FAIRLANE PLAZA SOUTH				ADDRESS 300 TOWN CENTER DRIVE DEARBORN MI 48126	
CONSIGNEE OR SUBCONTRACTOR COTTER CORPORATION				ADDRESS CANON CITY, CO	
PERSON CONTACTED (NAME & TITLE) FRED BROOKS, DEPOT MANAGER				LOCATION OF MATERIAL INSPECTED 15411 Dawkins Ave, New Haven IN 46774-9644	
INSPECTION, SAMPLING AND ANALYSIS				DESCRIPTION OF PACKAGING (INCLUDE TYPE OF CONVEYANCE)	
SAMPLES TAKEN N/A		ANALYSIS		Zirconium Ore material loaded from Pile No 111A, into open top	
BY CONTRACT SAMPLER/ANALYST		BY PURCHASER OR CONTRACTOR		gondola cars using a Mitsubishi, Model MS 300 LS track hoe	
BY INSPECTOR		BY GOVERNMENT'S ANALYST		loader with a 1.5 Cu Yd., back hoe type-bucket.	
[] YES [X] NO		WITNESSED [] YES [X] NO		Out loading performed by Land Rail Inc. for CMS Enterprises.	
OTHER -		TYPES OF ANALYSES		Cars Light/heavy weighed on Railroad Scale of New Haven Depot, New Haven, IN.	
				PER	
				PER	
INSPECTION		IDENTITY OF SAMPLE N/A		Only clean sound cars were accepted for loading.	
VISUAL 100%		FORWARDING DATE		Total Cars: 28	
DIMENSIONAL N/A		SAMPLE NO.		Notes: W/o 4 Dec 00 only 13 were loaded/weighed,	
FOR MARKING 100%		LOT NO.		but this report includes 15 cars week of 11 Dec 00.	
DISTRIBUTION OF SAMPLES (GIVE COMPLETE ADDRESS)					
1. _____ 2. _____ N/A _____ 3. _____					

DESCRIBE METHOD OF INSPECTION, SAMPLING AND/OR SAMPLE PREPARATION (USE ATTACHED SHEETS, IF NECESSARY)

This report is issued to reflect the shipment of Zirconium Ore, described below from the above mentioned storage site. The material was loaded on an AS-IS, WHERE-IS. Gondola cars/rail cars were inspected for cleanliness and soundness. Rejected gondola cars were welded by sub-contractor: Appalachian Railcar Services, Inc. 134 Silver Street Poca, WV 25159, (304)-755-8807. Prior to loading gondola cars' chute doors were covered with plastic and sealed with forms. Car numbers were recorded. All railcar loading was witnessed by the undersigned.

Rail cars are Light/ Heavy weighed at the New Haven Depot, Utilizing a Fairbanks Type Scale, Model No 12-1494/IND-R2500-1, No. 72830/H540131PP, with minimum graduations of 20/50 lbs. The scale was last tested and certified by Norfolk Southern and Fairbanks Scales on 7 Aug 00. See calibration certification, on file.

Scale was operated by OLNH personnel, in present of Mr. A J Ross, site representative for CMS during outloading.

See continuation Page No 2

This report include Pile No 111A, Weighing/ outloading,/ radiation reading.

ITEM OR LOT NO.	No Railcars Loaded	QUANTITY ACCEPTED OR SOLD	QUANTITY REJECTED	APPROXIMATE VALUE QTY REJECTED	DESCRIPTION OF MATERIAL
2	No Car 28	Nt Wt lbs 5,666,550	Pile No 111A	OSR No 20468	Zirconium Ore, Pile 111A, contaminated Baddeleyite, Zirconium Dioxide
					Release Amt: Lbs 2,783,706 Release Date: 27-Nov-00 % completed: 100

REASON FOR REJECTION
N/A

DISTRIBUTION	[1] DNSC-EQ A Bixler [1] DNSC-OLNH [] FINANCE	[1] DNSC-EQNH Bill Till [1] DNSC-EQBR _ Charles Delhoste [1] DNSC-EQ K Patel
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INSPECTOR (SIGNATURE)
K Patel, QAS

DATE
8-Jan-01

Contract No: SPO833-00-S-00136

Commodity: Zirconium, Pile 111A

Clean and soundness gondola cars were placed next Pile 111A by assigned DNSC-OLNH personnel. These gondola cars were loaded as described on previous page into description of packaging box. Loaded railcars were moved from Pile location to scale area to heavy weigh. Prior to movement (gondola car) from pile site, ore was removed from edge's of gondola cars.

During gross weighing process, if gondola car is light/heavy in weight, then material either was added or removed by Land Rail, Inc outloader personnel. The commodity adjusted by KOBELCO Mark III SK 200LC track hoe loader with 1.5 Cu Yd., back hoe type-bucket. The excessive material placed either onto stone box (Marked: BH-9- Cyds, Union City, MI GME, own by Land Rail ,Inc) or small truck (MACK, Lic Plate No 5687E IN, capacity 26,000 Lbs, also own by Land Rail Inc). Dresser, 729 front end payloader was also used for material adjustment. This payloader was used to transferred material from pile site to scale site without spillage commodity.

For each gondola car's gross capacity weight was not more then 263,000 Lbs. This gross weight capacity was sum of marked load limit and marked light weight. Load limitations were IAW Federal, State, and Local regulations. All gondola cars were loaded IAW A J Ross instructions.

All gondola cars were shrink-wrapped prior to transporting from New Haven, IN to CANON CITY, CO, due to radioactive commodity was loaded, and to protect from wind.

Materials/equipments/tools used: Polyethylene Plastic, tape, Propane heat gun, Propane, Ladder, Large Scaffold.

Shrink-wrap by: J John Hutchinson, owner and his workers of Dura-Wrap Containments & Plastics Supply, company. P. O. Box 2374, Palmer AK 99645. (907)-373-3443.

Zirconium ore has traces of natural radioactivity, therefore , who ever worked on this project were assigned TLD Badges on daily basis (Except welding workers). This TLD badges recorded in Personnel Dosimetry Check Out Log by OLNH, personnel, New Haven Depot.

While car is on scale or near by radiation readings were taken by the undersigned, QAS. See attached monitoring radiation sheet.

Week of 11 Dec 00: Pile No 111A, has been shipped in its entirety. All recoverable ore has been removed.

Date: 06 Dec 00: This date outloading/weighing was witnessed. A total of six cars were loaded from Pile 111A. Only three cars were heavy weighed. Contractor was welding/fixing rejected cars. Dura-Wrap Containments & Plastics Supply worked on Shrink-wrapping project. Following cars are only monitored for Radiologic Readings,

Weather: 14 F, Fair, cold, late after noon approx one inch snowed.

Date 07 Dec 00: This date a total of 13 cars were heavy weighed. No weighing was performed. Radiologic readings were obtained as listed below.

Weather: 18 F, cold, light snow coating on ground due to over night snow flurries. Snowing late after noon.

Date 08 Dec 00: No loading, 11 cars heavy weighed, Radiologic readings were obtained as listed below.

Weather: 19 F, Light wind, snow on ground.

Geiger Counter (GC): Eberline Model E-520, S/N: 3135, Date Calibration: May 09, 2000.

Fag Meter (FAG): FH40F6 Anzeigebler, Fag Kugelfischer · Werk Erlangen, Model No 5-0002, S/N: 77-390
Date-Calibration: 12-20-99, Due Date: 12-20-00.

Contract No: SPO833-00-S-00136

Release No: New Haven

All reading are in mR/hr.

Background: 0.025 MR/hr.

CAR NUMBER	Date Loaded	Date Heavy Weight	Reading Date	Instrument Used * GC/FAG	CONTACT	20 FT
AEPX2227	6-Dec-00	6-Dec-00	6-Dec-00	GC	.03-.09	.03-.04
AEPX677	6-Dec-00	6-Dec-00	6-Dec-00	GC	.03-064	.03-.045
AEPX3099	6-Dec-00	6-Dec-00	6-Dec-00	GC	.03-.05	.03-.04
AEPX2048	6-Dec-00	8-Dec-00	7-Dec-00	GC	.03-.09	.03-.04
AEPX2951	6-Dec-00	8-Dec-00	7-Dec-00	GC	.03-.14	.025-.04
AEPX678	6-Dec-00	8-Dec-00	7-Dec-00	GC	.03-.09	.025-.03
AEPX880	7-Dec-00	8-Dec-00	7-Dec-00	GC	.04-.095	.025-.04
AEPX303	7-Dec-00	8-Dec-00	7-Dec-00	GC	.03-.09	.03-.045
AEPX887	7-Dec-00	8-Dec-00	7-Dec-00	GC	.07-.12	.05-.06
AEPX3064	7-Dec-00	8-Dec-00	7-Dec-00	GC	.06-.11	.05-.07
AEPX3198	7-Dec-00	8-Dec-00	7-Dec-00	GC	.04-.11	.025-.05
AEPX2214	7-Dec-00	8-Dec-00	7-Dec-00	GC	.05-.07	.04-.05
AEPX1102	7-Dec-00	8-Dec-00	7-Dec-00	GC	.04-.15	.04-.05
AEPX299	7-Dec-00	8-Dec-00	7-Dec-00	GC	.03-.08	.03-.04
AEPX2396	7-Dec-00	8-Dec-00	8-Dec-00	GC	.06-.12	.05-.08
AEPX1041	7-Dec-00	8-Dec-00	8-Dec-00	GC	.06-.15	.05-.08
AEPX707	7-Dec-00	8-Dec-00	8-Dec-00	GC	.08-.2	.05-.08
AEPX216	7-Dec-00	8-Dec-00	8-Dec-00	GC	.08-.12	.05-.07
AEPX2240	7-Dec-00	8-Dec-00	8-Dec-00	GC	.08-.15	.05-.08