

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

54n3273
10081042

Form Approved. OMB No. 2050-0039

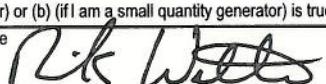
UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number ODB042319244	2. Page 1 of 1	3. Emergency Response Phone 800.424.9300	4. Manifest Tracking Number 005707298 JJK		
5. Generator's Name and Mailing Address 60790 Southgate, Rd Cambridge, Oh 43725 740.435.4600		Generator's Site Address (if different than mailing address) Criterion Catalysts & Technologies 2159 Brier Park Place N.W. Medicine Hat, Alberta T1C1S7 403.527.4400					
Generator's Phone: 6. Transporter 1 Company Name CN Rail		U.S. EPA ID Number MND982424590					
7. Transporter 2 Company Name CSX		U.S. EPA ID Number FDL006921340					
8. Designated Facility Name and Site Address ANG Vanadium 60790 Southgate, Rd. Cambridge, Oh 43725 740.435.4600		U.S. EPA ID Number ODH042319264					
9a. HM		9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any)) X 1. UN 3077, HAZARDOUS WASTE, SOLID, N.O.S. Class 9, PG III RQ EPA HAZARDOUS WASTE (K171)		10. Containers No. 1 Type TC	11. Total Quantity 162150 P	12. Unit Wt./Vol.	13. Waste Codes K171
		2. STC 2620-99-8500					
		3.					
		4.					
14. Special Handling Instructions and Additional Information 24 Hour Emergency Contact Cheatrec 800.424.9300		ERG #171		Criterion Emergency Contact 877.653.9890 Canutec: 613.996.6666			
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Officer's Printed/Typed Name Rick Walter		Signature		Month Day Year 6 9 10			
16. International Shipments <input checked="" type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.		Port of entry/exit: Portal, North Dakota					
Transporter signature (for exports only):		Date leaving U.S.:					
17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name Dennis Sokul "CN 805"		Signature		Month Day Year 06 14 10			
Transporter 2 Printed/Typed Name		Signature		Month Day Year			
18. Discrepancy							
18a. Discrepancy Indication Space		<input type="checkbox"/> Quantity	<input type="checkbox"/> Type	<input type="checkbox"/> Residue	<input type="checkbox"/> Partial Rejection	<input type="checkbox"/> Full Rejection	
Manifest Reference Number:							
18b. Alternate Facility (or Generator)		U.S. EPA ID Number					
Facility's Phone:							
18c. Signature of Alternate Facility (or Generator)		Month Day Year					
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. 8010		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name Jen Caw		Signature		Month Day Year 17 13 10			

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100N81042

GENERATOR	1. Generator ID Number ODH042319244	2. Page 1 of 1	3. Emergency Response Phone 800.424.9300	4. Manifest Tracking Number 005707298 JJK								
	5. Generator's Name and Mailing Address AMG Vanadium 60790 Southgate, Rd Cambridge, Oh 43725		Generator's Site Address (if different than mailing address) Criterion Catalysts & Technologies 2159 Brier Park Place N.W. Medicine Hat, Alberta T1C1S7 403.527.4400									
	Generator's Phone: 740.435.4600		U.S. EPA ID Number MND982424590									
	6. Transporter 1 Company Name CN Rail		U.S. EPA ID Number FDL006921340									
	7. Transporter 2 Company Name CSX		U.S. EPA ID Number ODH042319244									
	8. Designated Facility Name and Site Address AMG Vanadium 60790 Southgate, Rd. Cambridge, Oh 43725		U.S. EPA ID Number ODH042319244									
	Facility's Phone: 740.435.4600											
	9a. HM		9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any)) 1. UN 3077, HAZARDOUS WASTE, Solid, N.O.S. Class 9, PG III RQ EPA HAZARDOUS WASTE (K171)		10. Containers <table border="1"><tr><th>No.</th><th>Type</th></tr><tr><td>1</td><td>TC</td></tr></table>	No.	Type	1	TC	11. Total Quantity 162150	12. Unit Wt./Vol. P	13. Waste Codes K171
	No.	Type										
	1	TC										
X		2. STC 2620-99-8500										
3.												
4.												
14. Special Handling Instructions and Additional Information 24 Hour Emergency Contact Chemtrec 800.424.9300					Criterion Emergency Contact 877.653.9890 Canutec: 613.996.6666							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.												
Generator's/Offeror's Printed/Typed Name Rick Walter		Signature 		Month Day Year 6 19 110								
16. International Shipments <input checked="" type="checkbox"/> Import to U.S.		<input type="checkbox"/> Export from U.S.		Port of entry/exit: Portal, North Dakota								
Transporter signature (for exports only):				Date leaving U.S.: 								
17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name Dennis Sokul "CN per"					Signature D. Sokal Month Day Year 06/14/10							
Transporter 2 Printed/Typed Name					Signature Month Day Year 							
18. Discrepancy												
18a. Discrepancy Indication Space		<input type="checkbox"/> Quantity	<input type="checkbox"/> Type	<input type="checkbox"/> Residue	<input type="checkbox"/> Partial Rejection	<input type="checkbox"/> Full Rejection						
18b. Alternate Facility (or Generator)					Manifest Reference Number: U.S. EPA ID Number 							
Facility's Phone:												
18c. Signature of Alternate Facility (or Generator)					Month Day Year 							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)												
1. HO10		2.		3.		4.						
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a												
Printed/Typed Name Jon Cain		Signature Jon Cain		Month Day Year 17/7/10								

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number ODH042319244	2. Page 1 of 1	3. Emergency Response Phone 800.424.9300	4. Manifest Tracking Number 005707301 JJK				
5. Generator's Name and Mailing Address Metallurg Vanadium (Importer) 60790 Southgate Rd. Cambridge, Oh 43725 Generator's Phone: 740.435.4600		Generator's Site Address (if different than mailing address) Criterion Catalysts & Technologies 2159 Brier Park Place N.W. Medicine Hat, Alberta T1C1S7 403.527.4400							
6. Transporter 1 Company Name CN Rail		U.S. EPA ID Number MND982424590							
7. Transporter 2 Company Name CSX		U.S. EPA ID Number FDL006921340							
8. Designated Facility Name and Site Address Metallurg Vanadium 60790 Southgate Rd. Cambridge, Oh 43725 Facility's Phone: 740.435.4600		U.S. EPA ID Number ODH042319244							
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any)) X 1. UN 3077, HAZARDOUS WASTE, Solid, N.O.S. Class 9, PG III RQ EPA HAZARDOUS WASTE (K171)	10. Containers No. 1	Type TC	11. Total Quantity 176325	12. Unit Wt./Vol. P	13. Waste Codes K171		
		2. STC 2620-99-8500							
		3.							
		4.							
14. Special Handling Instructions and Additional Information 24 Hour Emergency Contact Chemtrec: 800.424.9300		Criterion Emergency Contact ERG #171 877.653.9890 Canutec: 613.996.6666							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.									
Generator's/Officer's Printed/Typed Name Rick Walter		Signature <i>Rick Walter</i>				Month 16	Day 19	Year 110	
INT'L	16. International Shipments <input checked="" type="checkbox"/> Import to U.S.		<input type="checkbox"/> Export from U.S.		Port of entry/exit: Portal, North Dakota				
	Transporter signature (for exports only):		Date leaving U.S.:						
TRANSPORTER	17. Transporter Acknowledgment of Receipt of Materials Dennis S. Sokul "per cn"		Signature <i>Dennis S. Sokul</i>				Month 10	Day 24	Year 110
	Transporter 1 Printed/Typed Name Dennis S. Sokul		Signature <i>Dennis S. Sokul</i>				Month 10	Day 24	Year 110
	Transporter 2 Printed/Typed Name						Month	Day	Year
DESIGNATED FACILITY	18. Discrepancy								
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection								
	Manifest Reference Number:								
	18b. Alternate Facility (or Generator)		U.S. EPA ID Number						
	Facility's Phone:								
18c. Signature of Alternate Facility (or Generator) Jon Cain									
		Month 17 Day 27 Year 110							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)									
1. HO10		2.	3.	4.					
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a									
Printed/Typed Name Jon Cain		Signature <i>Jon Cain</i>				Month 17	Day 27	Year 110	

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Form Approved. OMB No. 2050-0039

4		5		6	
1. Generator ID Number ODH042319244		2. Page 1 of 1		3. Emergency Response Phone 800.424.9300	
4. Manifest Tracking Number 005707300 JJK		5. Generator's Name and Mailing Address Metallurg Vanadium 60790 Southgate Rd Cambridge, Oh 43725		Generator's Site Address (if different than mailing address) Criterion Catalysts & Technologies 2159 Brier Park Place N.W. Medicine Hat, Alberta T1C1S7 403.527.4400	
6. Transporter 1 Company Name CN Rail		7. Transporter 2 Company Name CSX		U.S. EPA ID Number MND982424590	
8. Designated Facility Name and Site Address Metallurg Vanadium 60790 Southgate Rd. Cambridge, Oh 43725		9. Facility's Phone: 740.435.4600		U.S. EPA ID Number ODH042319244	
9a. HM		9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any)) 1. UN 3077, HAZARDOUS WASTE, Solid, N.O.S. Class 9, PG III RQ EPA HAZARDOUS WASTE (K171)		10. Containers	11. Total Quantity
X		No.	Type		12. Unit Wt.Vol.
		1	TC	176546	P
					K171
14. Special Handling Instructions and Additional Information 24 Hour Emergency Contact Chemtrec 800.424.9300		15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.		Criterion Emergency Contact 877.653.9890 Canutec: 613.996.6666	
16. International Shipments <input checked="" type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.		17. Transporter Acknowledgment of Receipt of Materials Dennis Sokul - "per cn"		Signature Rick Walters Month Day Year 10/19/10	
Transporter signature (for exports only):		Port of entry/exit: Portal, North Dakota		Date leaving U.S.:	
18. Discrepancy 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection		19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) HO10		Manifest Reference Number:	
18b. Alternate Facility (or Generator) Facility's Phone:		18c. Signature of Alternate Facility (or Generator) Jan Caw		U.S. EPA ID Number 1713010	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name Jan Caw		Signature Jan Caw		Month Day Year 1713010	

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number ODH042319244	2. Page 1 of 1	3. Emergency Response Phone 800.424.9300	4. Manifest Tracking Number 005707302 JJK				
5. Generator's Name and Mailing Address Metallurg Vanadium 60790 Southgate Rd. Cambridge, Oh 43725 Generator's Phone: 740.435.4600		Generator's Site Address (if different than mailing address) Criterion Catalysts & Technologies 2159 Brier Park Place N.W. Medicine Hat, Alberta T1C1S7 403.527.4400							
6. Transporter 1 Company Name CN Rail		U.S. EPA ID Number MND982424590							
7. Transporter 2 Company Name CSX		U.S. EPA ID Number FDL006921340							
8. Designated Facility Name and Site Address Metallurg Vanadium 60790 Southgate Rd. Cambridge, Oh 43725 Facility's Phone: 740.435.4600		U.S. EPA ID Number ODH042319244							
GENERATOR	9a. HM		9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any)) 1. UN 3077, HAZARDOUS WASTE, Solid, N.O.S. Class 9, PG III RQ EPA HAZARDOUS WASTE (K171)		10. Containers	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
	<input checked="" type="checkbox"/>		No.	Type			K171		
			1	TC	171387	P			
DESIGNATED FACILITY	14. Special Handling Instructions and Additional Information 24 Hour Emergency Contact Chemtrec: 800.424.9300		Criterion Emergency Contact 877.653.9890		ERG #171				
							Canutec: 613.996.6666		
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.		I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.									
Generator's/Offeror's Printed/Typed Name Rick Walters		Signature		<i>Rick Walters</i>		Month	Day	Year	
						16	19	10	
16. International Shipments <input checked="" type="checkbox"/> Import to U.S.		<input type="checkbox"/> Export from U.S.		Port of entry/exit: Portal, North Dakota					
Transporter signature (for exports only):				Date leaving U.S.:					
17. Transporter Acknowledgment of Receipt of Materials Dennis Sokul "per-cu"		Signature		<i>Dennis Sokul</i>		Month	Day	Year	
Transporter 1 Printed/Typed Name Dennis Sokul "per-cu"						107	02	10	
Transporter 2 Printed/Typed Name		Signature				Month	Day	Year	
18. Discrepancy									
18a. Discrepancy Indication Space		<input type="checkbox"/> Quantity	<input type="checkbox"/> Type	<input type="checkbox"/> Residue	<input type="checkbox"/> Partial Rejection	<input type="checkbox"/> Full Rejection			
18b. Alternate Facility (or Generator)		Manifest Reference Number:							
Facility's Phone:									
18c. Signature of Alternate Facility (or Generator)		Month Day Year							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)									
1. HO10		2.		3.		4.			
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a									
Printed/Typed Name Jan Caw		Signature		<i>Jan Caw</i>		Month	Day	Year	
						18	13	10	
DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)									

(4)

SYN327

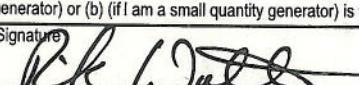
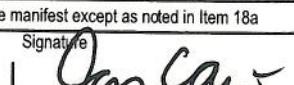
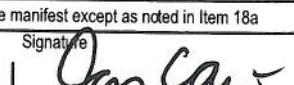
UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number ODH042319244	2. Page 1 of 1	3. Emergency Response Phone 800.424.9300	4. Manifest Tracking Number 005707303 JJK		
5. Generator's Name and Mailing Address Metallurg Vanadium 60790 Southgate Rd. Cambridge, Oh 43725		Generator's Site Address (if different than mailing address) Criterion Catalysts & Technologies 2159 Brier Park Place N.W. Medicine Hat, Alberta T1C1S7 403.527.4400					
Generator's Phone: 740.435.4600		U.S. EPA ID Number MND982424590					
6. Transporter 1 Company Name CN Rail		U.S. EPA ID Number FDL006921340					
7. Transporter 2 Company Name CSX		U.S. EPA ID Number ODH042319244					
8. Designated Facility Name and Site Address Metallurg Vanadium 60790 Southgate Rd. Cambridge, Oh 43725		U.S. EPA ID Number Facility's Phone: 740.435.4600					
9a. HM		9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any)) 1. UN 3077, HAZARDOUS WASTE, Solid, N.O.S. Class 9, PG III RQ EPA HAZARDOUS WASTE (K171)		10. Containers No. 1 Type TC	11. Total Quantity 174143	12. Unit Wt./Vol. P	13. Waste Codes K171
X		2. STC 2620-99-8500					
		3.					
		4.					
14. Special Handling Instructions and Additional Information 24 Hour Emergency Contact Chemtrec: 800.424.9300							
Criterion Emergency Contact 877.653.9890							
Canutec: 613.996.6666							
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Generator's/Officer's Printed/Typed Name Rick Walters		Signature ERG#171		Month 1 Day 6 Year 9/10			
16. International Shipments <input checked="" type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.		Port of entry/exit: Portal, North Dakota		Date leaving U.S.:			
Transporter signature (for exports only):							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name DEANIS Sokul		Signature "per Cn"		Month 1 Day 6 Year 9/10			
Transporter 2 Printed/Typed Name		Signature		Month 1 Day 6 Year 9/10			
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type		<input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection					
Manifest Reference Number:							
18b. Alternate Facility (or Generator) U.S. EPA ID Number							
Facility's Phone:							
18c. Signature of Alternate Facility (or Generator) Month Day Year							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. HO10		2.		3.	4.		
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name Jan Car		Signature Jan Car		Month 1 Day 8 Year 13/10	DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)		

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number ODH042319244	2. Page 1 of 1	3. Emergency Response Phone 800.424.9300	4. Manifest Tracking Number 005707305 JK						
5. Generator's Name and Mailing Address AMG Vanadium 60790 Southgate Rd. Cambridge, Oh 43725		Generator's Site Address (if different than mailing address) Criterion Catalysts & Technologies 2159 Brier Park Place NW Medicine Hat, Alberta T1C1S7 403.527.4400									
Generator's Phone: 740.435.4600											
6. Transporter 1 Company Name CN Rail		U.S. EPA ID Number MND982424590									
7. Transporter 2 Company Name CSX		U.S. EPA ID Number FDL006921340									
8. Designated Facility Name and Site Address AMG Vanadium 60790 Southgate Rd. Cambridge, Oh 43725		U.S. EPA ID Number ODH042319244									
Facility's Phone: 740.435.4600											
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any)) X 1. UN 3077, HAZARDOUS WASTE, SOLID, N.O.S. Class 9, PG III RQ EPA HAZARDOUS WASTE (K171)	10. Containers <table border="1"><tr><th>No.</th><th>Type</th></tr><tr><td>1</td><td>TC</td></tr></table>		No.	Type	1	TC	11. Total Quantity 178134	12. Unit Wt/Vol. P	13. Waste Codes K171
	No.	Type									
	1	TC									
	2.	STC 2620-99-8500									
	3.										
4.											
14. Special Handling Instructions and Additional Information 24 Hour Emergency Contact Chemtrec: 800.424.9300		Criterion Emergency Contact ERG #171 877.653.9890 Canutec: 613.996.6666									
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Generator's/Offeror's Printed/Typed Name Rick Wiles		Signature <i>Rick Wiles</i>		Month 6	Day 9	Year 10					
TRANSPORTER INT'L	16. International Shipments <input checked="" type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.		Port of entry/exit: Portal, North Dakota								
	Transporter signature (for exports only):		Date leaving U.S.: 07/20/10								
17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name Dennis Sokul "Dennis"		Signature <i>Dennis Sokul</i>		Month 07	Day 20	Year 10					
Transporter 2 Printed/Typed Name		Signature		Month	Day	Year					
DESIGNATED FACILITY	18. Discrepancy 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection		Manifest Reference Number:								
	18b. Alternate Facility (or Generator) Facility's Phone:		U.S. EPA ID Number								
	18c. Signature of Alternate Facility (or Generator)		Month Day Year								
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)											
1. HO10		2.		3.		4.					
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a		Printed/Typed Name Jon Cain		Signature <i>Jon Cain</i>		Month 8	Day 18	Year 10			

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number ODH042319244	2. Page 1 of 1	3. Emergency Response Phone 800.424.9300	4. Manifest Tracking Number 005707318 JJK			
5. Generator's Name and Mailing Address Metallurg Vanadium (Importer) 60790 Southgate Rd. Cambridge, Oh 43725 Generator's Phone: 740.435.4600		Generator's Site Address (if different than mailing address) Criterion Catalysts & Technologies 2159 Brier Park Place N.W. Medicine Hat, Alberta T1C1S7 403.527.4400						
6. Transporter 1 Company Name CSX Rail		U.S. EPA ID Number MND982424590						
7. Transporter 2 Company Name CSX		U.S. EPA ID Number FDL006921340						
8. Designated Facility Name and Site Address Metallurg Vanadium 60790 Southgate Rd. Cambridge, Oh 43725 Facility's Phone: 740.435.4600		U.S. EPA ID Number ODH042319244						
GENERATOR	9a. HM		9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any)) X 1. UN 3077, HAZARDOUS WASTE, Solid, N.O.S. Class 9, PG III RQ EPA Hazardous Waste (K171)		10. Containers	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
			No.	Type	1	178000	P	K171
					155436			
14. Special Handling Instructions and Additional Information 24 Hour Emergency Contact Chemtrec: 800.424.9300 ICCY-74020								
Criterion Contact 877.653.9890 Canutec: 613.996.6666								
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.								
Generator's/Offeror's Printed/Typed Name Rick Walters		Signature <i>Rick Walters</i>		Month	Day	Year	17 29 10	
16. International Shipments <input checked="" type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Portal, North Dakota Transporter signature (for exports only):								
17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name Dennis. Schuk "per cn" Signature <i>D. Schuk</i> Month 09 Day 09 Year 10 Transporter 2 Printed/Typed Name Signature Month Day Year								
18. Discrepancy								
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection								
Manifest Reference Number:								
18b. Alternate Facility (or Generator) U.S. EPA ID Number								
Facility's Phone:								
18c. Signature of Alternate Facility (or Generator) Month Day Year								
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								
1. 8010		2.		3.		4.		
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a								
Printed/Typed Name <i>Jon Can</i>		Signature <i>Jon Can</i>		Month	Day	Year	10 12 10	

SYN 3280

Form Approved. OMB No. 2050-0039

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)						
GENERATOR	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number		
	UNIFORM HAZARDOUS WASTE MANIFEST	ODH042319244	1	800.424.9300	005707319 JJK	
	5. Generator's Name and Mailing Address	Generator's Site Address (if different than mailing address)				
	Metallurg Vanadium 60790 Southgate Rd. Cambridge, OH 43725 Generator's Phone: 740.435.4600	(Importer) Criterion Catalysts & Technologies 2159 Brier Park Place N. W. Medicine Hat Alberta T1C1S7 403.527.4400				
	6. Transporter 1 Company Name	U.S. EPA ID Number				
	CN Rail	MND982424590				
	7. Transporter 2 Company Name	U.S. EPA ID Number				
	CSX	FDL006921340				
	8. Designated Facility Name and Site Address	U.S. EPA ID Number				
	Metallurg Vanadium 60790 Southgate Rd. Cambridge, OH 43725 Facility's Phone: 740.435.4600	ODH042319244				
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers	11. Total Quantity	12. Unit Wt./Vol.		
X	1. UN 3077, Hazardous Waste, Solid, N.O.S. Class 9, PG III RQ EPA Hazardous Waste (K171)	1	TC 170660	p	K171	
	2. STC 2620-99-8500					
	3.					
	4.					
14. Special Handling Instructions and Additional Information	Criterion Contact 877.653.9890 Canutec: 613.996.6666					
24 Hour Emergency Contact Chemtrec: 800.424.9300	ERG #171					
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Officer's Printed/Typed Name Rick Walters	Signature  Month Day Year 17 29 10					
16. International Shipments <input checked="" type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.	Port of entry/exit: Portal, North Dakota Date leaving U.S.:					
Transporter signature (for exports only):						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name Dennis Sakul "per CN"	Signature  Month Day Year 10 04 10					
Transporter 2 Printed/Typed Name						
18. Discrepancy						
18a. Discrepancy Indication Space	<input type="checkbox"/> Quantity	<input type="checkbox"/> Type	<input type="checkbox"/> Residue	<input type="checkbox"/> Partial Rejection	<input type="checkbox"/> Full Rejection	
18b. Alternate Facility (or Generator)	Manifest Reference Number:					
Facility's Phone:						
18c. Signature of Alternate Facility (or Generator)	Signature  Month Day Year 10 29 10					
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1. HO10	2.	3.	4.			
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a						
Printed/Typed Name Jon Carr	Signature  Month Day Year 10 29 10					
DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)						

ICCE74025

SYN 3281

Form Approved. OMB No. 2050-0039

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)						
GENERATOR	1. Generator ID Number ODH042319244	2. Page 1 of 1	3. Emergency Response Phone 800.424.9300			
	4. Manifest Tracking Number 005707320 JJK					
5. Generator's Name and Mailing Address Metallurg Vanadium (Importer) 60790 Southgate Rd. Cambridge, Oh 43725 Generator's Phone: 740/ 435-4600						
Generator's Site Address (if different than mailing address) Criterion Catalysts & Technologies 2159 Brier Park Place N.W. Medicine Hat, Alberta T1C1S7 403.527.4400						
INT'L	6. Transporter 1 Company Name CN Rail	U.S. EPA ID Number MND982424590				
	7. Transporter 2 Company Name CSX	U.S. EPA ID Number FDL006921340				
8. Designated Facility Name and Site Address Metallurg Vanadium 60790 Southgate Rd. Cambridge, Oh 43725 Facility's Phone: 740.435.4600				U.S. EPA ID Number ODH042319244		
TRANSPORTER	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any)) X 1. UN 3077, Hazardous Waste, Solid, N.O.S. Class 9, PG III RQ EPA Hazardous Waste, (K171)	10. Containers No. 1	11. Total Quantity 174650	12. Unit Wt./Vol. P	13. Waste Codes K171
		2. STC 2620-99-8500				
DESIGNATED FACILITY	3.					
	4.					
14. Special Handling Instructions and Additional Information 24 Hour Emergency Contact: Chemtrec: 800.424.9300 ERG #171 Criterion Emergency Contact 877.653.9890 Canutec: 613.996.6666						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Offeror's Printed/Typed Name Rick Walters		Signature <i>Rick Walters</i>		Month 7	Day 29	Year 10
16. International Shipments <input checked="" type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.						
Transporter signature (for exports only): Dennis Sokul "per CN"						
Port of entry/exit: Portal, NorthDakota Date leaving U.S.: 10/18/10						
17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name Dennis Sokul "per CN" Signature D Sokul Month 10 Day 18 Year 10 Transporter 2 Printed/Typed Name						
18. Discrepancy 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
Manifest Reference Number:						
18b. Alternate Facility (or Generator) Facility's Phone: 18c. Signature of Alternate Facility (or Generator)						
U.S. EPA ID Number Month 11 Day 10 Year 10						
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1. HO10 2. 3. 4.						
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name Jon Can Signature Jon Can Month 11 Day 10 Year 10						

ICC477028 SYN 3282

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number ODH042319244	2. Page 1 of 1	3. Emergency Response Phone 800.424.9300	4. Manifest Tracking Number 005707321 JJK		
5. Generator's Name and Mailing Address Metallurg Vanadium (Importer) 60790 Southgate Rd. Cambridge, Oh 43725 Generator's Phone: 740.453.4600		Generator's Site Address (if different than mailing address) Criterion Catalysts & Technologies 2159 Brier Park Place N.W. Medicine Hat Alberta T1C1S7 403.527.4400					
6. Transporter 1 Company Name CN Rail		U.S. EPA ID Number MND98242590					
7. Transporter 2 Company Name CSX		U.S. EPA ID Number FDL006921340					
8. Designated Facility Name and Site Address Metallurg Vanadium 60790 Southgate Rd. Cambridge, Oh 43725 Facility's Phone: 740.453.4600		U.S. EPA ID Number ODR042319244					
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any)) X 1. UN 3077, Hazardous waste, Solid, N.O.S. Class 9, PG III RQ EPA Hazardous Waste (K171)	10. Containers No. 1	Type TC	11. Total Quantity 179637	12. Unit Wt./Vol. P	13. Waste Codes K171
	2.	STC 2620-99-8500					
	3.						
	4.						
14. Special Handling Instructions and Additional Information 24 Hour Contact Chemtrec: 800.424.9300		Criterion Contact: 877.653.9890 Canutce: 613.996.6666					
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offeror's Printed/Typed Name Rick Walters		Signature <i>Rick Walters</i>		Month 7	Day 28	Year 10	
16. International Shipments <input checked="" type="checkbox"/> Import to U.S.		<input type="checkbox"/> Export from U.S.		Port of entry/exit: Portal, North Dakota			
Transporter signature (for exports only):		Date leaving U.S.:					
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name Dennis Sokul "per CN"		Signature <i>Dennis Sokul</i>		Month 10	Day 28	Year 10	
Transporter 2 Printed/Typed Name		Signature		Month	Day	Year	
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection		Manifest Reference Number:					
18b. Alternate Facility (or Generator)		U.S. EPA ID Number					
Facility's Phone:							
18c. Signature of Alternate Facility (or Generator)		Month Day Year					
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. HO10		2.	3.	4.			
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name <i>Jon Carr</i>		Signature <i>Jon Carr</i>		Month 11	Day 26	Year 10	