

Riverdale:

#1 Baling

#1 Dealer Bundles

#1 Factory Bundles

#1 Railroad Heavy Melting Scrap

#1.5 Dealer Bundles

#2 Dealer Bundles

#2 Shredded Scrap

P&S

Processed B-Scrap

Railroad Wheels

Steel Pit Scrap

Tin Can Bundles

Tin Plate Bundles

Doc. Type: WI - Scrap Spec

Doc. Number: 521.001 Rev. Date: 05/28/2009

Title: # 1 Baling (Clips)



## 521.001 # 1 Baling (Clips)

<b>Commodity Code</b> 557613	<b>PURCHASED MATERIALS SPECIFICATION/PRODUCT PARAMETER ARCELORMITTAL RIVERDALE</b>	<b>Origination Date</b> 01/01/86	<b>Material No.</b> 521.001
<b>Inventory Account No.</b> 11316	Data herein contained should NOT be divulged to anyone outside Arcelor Mittal without specific permission from Operating Technology Material and Product quality	<b>Revision Date</b> 5/28/2009	<b>Rev. No.</b> 12
<b>Material Classification:</b> SCRAP Name of Material (generic/proprietary): #1 BALING (CLIPS)			
<b>Product Characteristic</b> – AIM – TOLERANCE (TRADE ASSOC., ENG. SOCIETY STD., ARCELOR MITTAL STD., VENDOR STD., ETC.):			
<b>Physical Description:</b> New production steel scrap free of metal coated,terneplate, detinned, tinned, limed, vitreous enameled and electrical sheet containing over 0.5% silicon. <b>Note:</b> Commonly called "clips". (On the flat side, it may also be purchased as galvanized or painted.) <b>Size:</b> Maximum size 5' x 48" x 1/4" and under in thickness. <b>Density:</b> <b>Chemistry:</b> Carbon 0.09%      Copper 0.04% max.      Manganese 0.37%      Tin 0.01% max      Sulfur 0.011% max Nickel 0.03% max      Phosphorus 0.015%      Moly 0.01% max.      Silicon 0.18%      Chromium .04% max. Purchased scrap shall not contain radioactive, toxic or hazardous materials. All costs associated with the clean-up and handling of such materials shall be borne by the supplier.			
<b>Special Instructions/Packaging:</b> Packaging: May contain up to 20% galvanized or painted sheet. Banding shall not comprise over 5% of each load by volume.			
<b>Supplier Controls:      Testing Options:</b> <ul style="list-style-type: none"><li>• Visual inspection of each shipment.</li><li>• Periodic unannounced yard inspections.</li><li>• Shipments may be subjected to spectrographic analysis for chemical conformance, as required.</li><li>• Shipment densities will be visually monitored on receipt.</li></ul>			
<b>Disposition of Non-Conforming Material by using Department/Purchasing</b> Reject and return to supplier at his cost.			
<b>Using Departments:</b>			
<b>Approvals:</b>			
<b>Exclusions:</b> Sealed units or closed containers are specifically excluded. Material will not include the following metallics: Drive train parts      Borings      Rebars      Barrels Electric motors      Rolls      Cast iron      Free copper Scale      Engine blocks      Large appliances (white)      Heavy lubricants Fuel tanks      Terneplate      Wire mesh      Pipe valves Turnings      Tanks/cylinders      Tinplate      Banding iron Springs      High pressure pipe      Filters  Material will not include non-metallics such as: Concrete      Dirt      Hazardous waste      Oils Toxic waste      Wood      Tires      Plastics And any other non-conductor or contaminant not listed above.			
Spectrographic analysis of shipment assays may be performed as required. Rejections will be made based on extreme non-typical analysis.			

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Doc. Type: WI - Scrap Spec

Doc. Number: 521.001 Rev. Date: 05/28/2009

Title: # 1 Baling (Clips)

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REVISIONS		
#9	12/05/00	revised using department, revised description but revision not noted
#10	07/18/02	revised using department
#11	04/11/08	revised company name
#12	05/28/09	revised format, revised document title and added section for revision history, revised using department

Doc. Type: WI - Scrap Spec

Doc. Number: 505.001 Rev. Date: 05/28/2009

Title: # 1 Dealer Bundles



## 505.001 # 1 Dealer Bundles

<b>Commodity Code</b> 57590	<b>PURCHASED MATERIALS SPECIFICATION/PRODUCT PARAMETER ARCELORMITTAL RIVERDALE</b>	<b>Origination Date</b> 01/01/86	<b>Material No.</b> 505.001
<b>Inventory Account No.</b> 11309	Data herein contained should NOT be divulged to anyone outside the Arcelor Mittal without specific permission from Operating Technology Material and Product quality	<b>Revision Date</b> 5/28/2009	<b>Rev. No.</b> 10
<b>Material Classification:</b> SCRAP			
<b>Name of Material (generic/proprietary):</b> #1 DEALER BUNDLES			
<b>Product Characteristic –</b> AIM – TOLERANCE (TRADE ASSOC., ENG. SOCIETY STD., ARCELOR MITTAL STD., VENDOR STD., ETC.):			
<b>Physical Description:</b> All new black steel sheet scrap, clippings, or skeleton scrap. Hydraulically compressed. Originating in a dealers's yard. All new production material. <b>Size:</b> No more than 24" x 24" x 48" long with individual bundles weighing no more than 4,000 pounds. <b>Density:</b> 150 pounds per cubic foot minimum <b>Chemistry:</b> Carbon 0.06%      Copper 0.03% max.      Manganese 0.32%      Tin 0.01% max      Sulfur 0.011% Nickel 0.03% max      Phosphorus 0.011%      Moly 0.01% max      Silicon 0.03%      Chromium 0.03% max			
Purchased scrap shall not contain radioactive, toxic or hazardous materials. All costs associated with the clean-up and handling of such materials shall be borne by the supplier			
<b>Special Instructions/Packaging:</b> Packaging: May not contain detinned material unless specifically approved by the buyer. May contain up to 20% galvanized or painted sheet.			
<b>Supplier Controls:      Testing Options:</b> <ul style="list-style-type: none"><li>• Visual inspection of each shipment.</li><li>• Periodic unannounced yard inspections.</li><li>• Shipments may be subjected to spectrographic analysis for chemical conformance, as required.</li><li>• Shipment densities will be visually monitored on receipt.</li></ul>			
<b>Disposition of Non-Conforming Material by using Department/Purchasing</b> Reject and return to supplier at his cost.			
<b>Using Departments:</b> <b>Approvals:</b>			
<b>Exclusions:</b> Sealed units or closed containers are specifically excluded. Material will not include the following metallics: Drive train parts      Borings      Rebar      Barrels Electric motors      Rolls      Cast iron      Free copper Scale      Engine blocks      Large appliances (white)      Heavy lubricants Fuel tanks      Terneplate      Wire mesh      Pipe valves Turnings      Tanks/cylinders      Tinplate      High pressure pipe Springs      Filters Material will not include non-metallics such as: Concrete      Dirt      Hazardous waste      Oils Toxic waste      Wood      Tires      Plastics And any other non-conductor or contaminant not listed above.			
Spectrographic analysis of shipment assays may be performed as required. Rejections will be made based on extreme non-typical analysis.			

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Doc. Type: WI - Scrap Spec

Doc. Number: 505.001 Rev. Date: 05/28/2009

Title: # 1 Dealer Bundles

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**REVISIONS**

#6	06/26/97	revised size description to "No more than 24" x 24" x 48" long with individual bundles weighing no more than 4,000 pounds (IIFP). No more than 24" x 24" x 36" long with individual bundles weighing no more than 4,000 pounds (IIBP)". ; revised using departments
#7	07/18/02	revised using departments
#8	11/19/03	revised size description to "No more than 24" x 24" x 48" long with individual bundles weighing no more than 4,000 pounds."
#9	04/11/08	revised company name and using department titles
#10	05/28/09	revised format, revised document title and added section for revision history

Doc. Type: WI - Scrap Spec

Doc. Number: 503.001 Rev. Date: 05/28/2009

Title: No. 1 Industrial Bundles



## 503.001 No. 1 Industrial Bundles

<b>Commodity Code</b> 557589	<b>PURCHASED MATERIALS SPECIFICATION/PRODUCT PARAMETER ARCELOMITTAL RIVERDALE</b>	<b>Origination Date</b> 01/01/86	<b>Material No.</b> 503.001
<b>Inventory Account No.</b> 11308 & 11336	Data herein contained should NOT be divulged to anyone outside the Arcelor Mittal without specific permission from Operating Technology Material and Product quality	<b>Revision Date</b> 5/28/2009	<b>Rev. No.</b> 10
<b>Material Classification:</b> SCRAP			
<b>Name of Material (generic/proprietary):</b> NO. 1 INDUSTRIAL BUNDLES (ALSO KNOWN AS #1 FACTORY BUNDLES)			
<b>Product Characteristic – AIM – TOLERANCE (TRADE ASSOC., ENG. SOCIETY STD., ARCELOR MITTAL STD., VENDOR STD., ETC.):</b>			
<b>Physical Description:</b> New production sheet scrap, clippings, or skeleton scrap, hydraulically compressed originating from a factory. <b>Size:</b> No more than 24" x 24" x 48" long with individual bundles weighing no more than 4,000 pounds. <b>Density:</b> 150 pounds per cubic foot minimum <b>Chemistry:</b> Carbon 0.06%      Copper 0.03%      Manganese 0.32%      Tin 0.01%      Sulfur 0.011% Nickel 0.03%      Phosphorus 0.011%      Moly 0.01%      Silicon 0.03%      Chromium 0.03%  Purchased scrap shall not contain radioactive, toxic or hazardous materials. All costs associated with the clean-up and handling of such materials shall be borne by the supplier.			
<b>Special Instructions/Packaging:</b> Packaging: Allowable mixes of aluminized, galvanized, painted and electrical sheet to be approved by the buyer.			
<b>Supplier Controls:</b> <b>Testing Options:</b> <ul style="list-style-type: none"><li>• Visual inspection of each shipment.</li><li>• Periodic unannounced yard inspections.</li><li>• Shipments may be subjected to spectrographic analysis for chemical conformance, as required.</li><li>• Shipment densities will be visually monitored on receipt.</li></ul>			
<b>Disposition of Non-Conforming Material by using Department/Purchasing</b> Reject and return to supplier at his cost.			
<b>Using Departments:</b> <b>Approvals:</b>			
<b>Exclusions:</b> Sealed units or closed containers are specifically excluded. Material will not include the following metallics: Drive train parts      Borings      Rebar      Barrels Electric motors      Rolls      Cast iron      Free copper Scale      Engine blocks      Large appliances (white)      Heavy lubricants  Fuel tanks      Terneplate      Wire mesh      Pipe valves Turnings      Tanks/cylinders      Tinplate      High pressure pipe Springs      Filters Material will not include non-metallics such as: Concrete      Dirt      Hazardous waste      Oils Toxic waste      Wood      Tires      Plastics And any other non-conductor or contaminant not listed above.			
<b>Spectrographic analysis of shipment assays may be performed as required. Rejections will be made based on extreme non-typical analysis.:</b>			

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Doc. Type: WI - Scrap Spec

Doc. Number: 503.001 Rev. Date: 05/28/2009

Title: No. 1 Industrial Bundles

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#### REVISIONS

#6	06/26/97	revised size description to "No more than 24" x 24" x 48" long with individual bundles weighing no more than 4,000 pounds (IIFP). No more than 24" x 24" x 36" long with individual bundles weighing no more than 4,000 pounds (IIBP)". ; revised using departments
#7	07/18/02	revised using departments
#8	11/19/03	revised size description to "No more than 24" x 24" x 48" long with individual bundles weighing no more than 4,000 pounds."
#9	04/11/08	revised company name and using department titles
#10	05/28/09	revised format, revised document title and added section for revision history

Doc. Type: WI - Scrap Spec

Doc. Number: 511.001 Rev. Date: 05/28/2009

Title: No.1 Railroad Heavy Melting Scrap



## 511.001 No.1 Railroad Heavy Melting Scrap

<b>Commodity Code</b> 557567	<b>PURCHASED MATERIALS SPECIFICATION/PRODUCT PARAMETER ARCELORMITTAL RIVERDALE</b>	<b>Origination Date</b> 03/11/87	<b>Material No.</b> 511.001
<b>Inventory Account No.</b> 11291	Data herein contained should NOT be divulged to anyone outside the ArcelorMittal without specific permission from Operating Technology Material and Product quality	<b>Revision Date</b> 5/28/2009	<b>Rev. No.</b> 8
<b>Material Classification:</b> SCRAP			
<b>Name of Material (generic/proprietary):</b> NO. 1 RAILROAD HEAVY MELTING SCRAP			
<b>Product Characteristic</b> – AIM – TOLERANCE (TRADE ASSOC., ENG. SOCIETY STD., ARCELOR MITTAL STD., VENDOR STD., ETC.):			
<b>Physical Description:</b> Wrought iron or steel scrap from the demolition of obsolete railroad cars. Does not include bearings, wiring or Other Track Material (OTM). Size: 1/4" minimum in steel thickness. Individual pieces not to exceed 2 ft. x 5 ft. in any dimension or weigh more than 1600 lbs. <b>Density:</b> 45 lbs/cf minimum <b>Chemistry:</b> Carbon 0.30%      Copper 0.20% max      Manganese 0.62%      Tin 0.01% max      Sulfur 0.026% Nickel 0.09% max      Phosphorus 0.026%      Moly 0.02% max      Silicon 0.24%      Chromium 0.18% max Purchased scrap shall not contain radioactive, toxic or hazardous materials. All costs associated with the clean-up and handling of such materials shall be borne by the supplier.			
<b>Special Instructions/Packaging:</b> Packaging: Axles are to be cut or removed from wheels. Attached axle stubs must be no more than 12" long. Axle pieces must be no longer than 30". Excessive springs will be cause for rejection.			
<b>Supplier Controls:      Testing Options:</b> <ul style="list-style-type: none"><li>• Visual inspection of each shipment.</li><li>• Periodic unannounced yard inspections.</li><li>• Shipments may be subjected to spectrographic analysis for chemical conformance, as required.</li><li>• Shipment densities will be visually monitored on receipt.</li></ul>			
<b>Disposition of Non-Conforming Material by using Department/Purchasing</b> Reject and return to supplier at his cost.			
<b>Using Departments:</b>			
<b>Exclusions:</b> Sealed units or closed containers are specifically excluded. Material will not include the following metallics: Drive train parts      Borings      Rebar      Barrels Electric motors      Rolls      Cast iron      Free copper Scale      Engine blocks      Large appliances (white)      Heavy lubricants Fuel tanks      Terneplate      Wire mesh      Pipe valves Turnings      Tanks/cylinders      Tinplate      High pressure pipe Springs      Filters      Railroad spikes Material will not include non-metallics such as: Concrete      Dirt      Hazardous waste      Oils Toxic waste      Wood      Tires      Plastics And any other non-conductor or contaminant not listed above.			
Spectrographic analysis of shipment assays may be performed as required. Rejections will be made based on extreme non-typical analysis.			



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Doc. Type: WI - Scrap Spec

Doc. Number: 511.001 Rev. Date: 05/28/2009

Title: No.1 Railroad Heavy Melting Scrap

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REVISIONS		
#4	06/26/97	revised using departments
#5	07/18/02	revised using departments
#6	11/19/03	revised using departments
#7	04/11/08	revised company name and using departments
#8	05/28/09	revised format, revised document title and added section for revision history

Doc. Type: WI - Scrap Spec

Doc. Number: 549.001 Rev. Date: 05/28/2009

Title: Mixed or 1-1/2 Dealer Bundles



## 549.001 Mixed or 1-1/2 Dealer Bundles

<b>Commodity Code</b> 557594	<b>PURCHASED MATERIALS SPECIFICATION/PRODUCT PARAMETER ARCELORMITTAL RIVERDALE</b>	<b>Origination Date</b> 12/5/00	<b>Material No.</b> 549.001
<b>Inventory Account No.</b> 11314	Data herein contained should NOT be divulged to anyone outside Arcelor Mittal without specific permission from Operating Technology Material and Product quality	<b>Revision Date</b> 5/28/2009	<b>Rev. No.</b> 3
<b>Material Classification:</b> SCRAP			
<b>Name of Material (generic/proprietary):</b> MIXED OR 1-1/2 DEALER BUNDLES			
<b>Product Characteristic</b> – AIM – TOLERANCE (TRADE ASSOC., ENG. SOCIETY STD., ARCELOR MITTAL STD., VENDOR STD., ETC.):			
<b>Physical Description:</b> Black steel sheet scrap, clippings, or skeleton scrap or painted/galvanized carbon steel scrap. Hydraulically compressed <b>Size:</b> No more than 24" x 24" x 48" long with individual bundles weighing no more than 4000 pounds. <b>Density:</b> 75 pounds per cubic foot minimum. <b>Chemistry:</b> Carbon 0.06%    Copper 0.09% max.    Manganese 0.32%    Tin 0.01% max    Sulfur .02 Nickel .04 max    Phosphorus .02    Moly .02 max.    Silicon 0.03%    Chromium .05 max. Purchased scrap shall not contain radioactive, toxic or hazardous materials. All costs associated with the clean-up and handling of such materials shall be borne by the supplier.			
<b>Special Instructions/Packaging:</b> Tin can bundles, drums, white goods, rods and pipe are specifically excluded. Bundles may include some siding, auto body sheets, clean wire fencing and cables.			
<b>Supplier Controls:    Testing Options:</b> <ul style="list-style-type: none"><li>• Visual inspection of each shipment.</li><li>• Periodic unannounced yard inspections.</li><li>• Shipments may be subjected to spectrographic analysis for chemical conformance, as required.</li><li>• Shipment densities will be visually monitored on receipt.</li></ul>			
<b>Disposition of Non-Conforming Material by using Department/Purchasing</b> Reject and return to supplier at his cost.			
<b>Using Departments:</b>			
<b>Approvals:</b>			
<b>Exclusions:</b> Sealed units or closed containers are specifically excluded. Material will not include the following metallics: Drive train parts    Borings    Rebars    Barrels Electric motors    Rolls    Cast iron    Free copper Scale    Engine blocks    Large appliances (white)    Heavy lubricants Fuel tanks    Ternplate    Wire mesh    Pipe valves Turnings    Tanks/cylinders    Tinplate    High pressure pipe Springs    Filters    Pipe    Roos Material will not include excessive amounts of non-metallics such as: Concrete    Dirt    Hazardous waste    Oils Toxic waste    Wood    Tires    Plastics And any other non-conductor or contaminant not listed above.			
Spectrographic analysis of shipment assays may be performed as required. Rejections will be made based on extreme non-typical analysis.			
<b>REVISIONS</b> #1    09/23/03    revised name of material from 1-1/2 Dealer Bundles to Mixed or 1-1/2 Dealer Bundles, revised Exclusions from "Material will not include non-metallics such as" to "Material will not include excessive amounts of non-metallics such as" #2    04/11/08    revised company name #3    05/28/09    revised format, revised document title and added section for revision history, removed IIFP from Size			

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Doc. Type: WI - Scrap Spec

Doc. Number: 549.001 Rev. Date: 05/28/2009

Title: Mixed or 1-1/2 Dealer Bundles

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Doc. Type: WI - Scrap Spec

Doc. Number: 507.001 Rev. Date: 05/28/2009

Title: # 2 Dealer Bundles



## 507.001 # 2 Dealer Bundles

<b>Commodity Code</b> 557591	<b>PURCHASED MATERIALS SPECIFICATION/PRODUCT PARAMETER ARCELORMITTAL RIVERDALE</b>	<b>Origination Date</b> 05/25/93	<b>Material No.</b> 507.001																																
<b>Inventory Account No.</b> 11310	Data herein contained should NOT be divulged to anyone outside the ArcelorMittal without specific permission from Operating Technology Material and Product quality	<b>Revision Date</b> 5/28/2009	<b>Rev. No.</b> 6																																
<b>Material Classification:</b> SCRAP																																			
<b>Name of Material (generic/proprietary):</b> #2 DEALER BUNDLES																																			
<b>Product Characteristic</b> – AIM – TOLERANCE (TRADE ASSOC., ENG. SOCIETY STD., ARCELOR MITTAL STD., VENDOR STD., ETC.):																																			
<b>Physical Description:</b> Hydraulically compressed old black, painted or galvanized carbon steel scrap. <b>Size:</b> No more than 24" x 24" x 48" long with individual bundles weighing no more than 4,000 pounds. <b>Density:</b> 75 pounds per cubic foot <b>Chemistry:</b> Manganese 1.65%    Tin 0.01%    Sulfur 0.50%    Nickel 0.10%    Phosphorus 0.025% Moly 0.05%    Silicon 0.35%    Chromium 0.10% max    Cu 0.25% max Purchased scrap shall not contain radioactive, toxic or hazardous materials. All costs associated with the clean-up and handling of such materials shall be borne by the supplier.																																			
<b>Special Instructions/Packaging:</b> Packaging: Tin can bundles and bundles containing used drums or white goods are specifically excluded.																																			
<b>Supplier Controls:    Testing Options:</b> <ul style="list-style-type: none"><li>• Visual inspection of each shipment.</li><li>• Periodic unannounced yard inspections.</li><li>• Shipments may be subjected to spectrographic analysis for chemical conformance, as required.</li><li>• Shipment densities will be visually monitored on receipt.</li></ul>																																			
<b>Disposition of Non-Conforming Material by using Department/Purchasing</b> Reject and return to supplier at his cost.																																			
<b>Using Departments:</b> <b>Approvals:</b>																																			
<b>Exclusions:</b> Sealed units or closed containers are specifically excluded. Material will not include the following metallics: <table border="0"><tr><td>Drive train parts</td><td>Borings</td><td>Rebar</td><td>Barrels</td></tr><tr><td>Electric motors</td><td>Rolls</td><td>Cast iron</td><td>Free copper</td></tr><tr><td>Scale</td><td>Engine blocks</td><td>Large appliances (white)</td><td>Heavy lubricants</td></tr><tr><td>Fuel tanks</td><td>Terneplate</td><td>Wire mesh</td><td>Pipe valves</td></tr><tr><td>Turnings</td><td>Tanks/cylinders</td><td>Tinplate</td><td>High pressure pipe</td></tr><tr><td>Springs</td><td>Filters</td><td></td><td></td></tr></table> Material will not include excessive amounts of non-metallics such as: <table border="0"><tr><td>Concrete</td><td>Dirt</td><td>Hazardous waste</td><td>Oils</td></tr><tr><td>Toxic waste</td><td>Wood</td><td>Tires</td><td>Plastics</td></tr></table> And any other non-conductor or contaminant not listed above.				Drive train parts	Borings	Rebar	Barrels	Electric motors	Rolls	Cast iron	Free copper	Scale	Engine blocks	Large appliances (white)	Heavy lubricants	Fuel tanks	Terneplate	Wire mesh	Pipe valves	Turnings	Tanks/cylinders	Tinplate	High pressure pipe	Springs	Filters			Concrete	Dirt	Hazardous waste	Oils	Toxic waste	Wood	Tires	Plastics
Drive train parts	Borings	Rebar	Barrels																																
Electric motors	Rolls	Cast iron	Free copper																																
Scale	Engine blocks	Large appliances (white)	Heavy lubricants																																
Fuel tanks	Terneplate	Wire mesh	Pipe valves																																
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Toxic waste	Wood	Tires	Plastics																																
<b>Spectrographic analysis of shipment assays may be performed as required. Rejections will be made based on extreme non-typical analysis.</b>																																			

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Doc. Type: WI - Scrap Spec

Doc. Number: 507.001 Rev. Date: 05/28/2009

Title: # 2 Dealer Bundles

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#### REVISIONS

#3	10/24/01	revised size description to "No more than 24" x 24" x 48" long with individual bundles weighing no more than 4,000 pounds (IIFP). No more than 24" x 24" x 36" long with individual bundles weighing no more than 4,000 pounds (IIBP)". ; revised using departments
#4	09/23/09	revised statement in Exclusions, "Material will not include excessive amounts of non-metallics such as..."
#5	11/19/03	revised size description to "No more than 24" x 24" x 48" long with individual bundles weighing no more than 4,000 pounds."
#6	05/28/09	revised format and company name, revised document title and added section for revision history

Doc. Type: WI - Scrap Spec

Doc. Number: 531.001 Rev. Date: 05/28/2009

Title: Shredded Scrap



## 531.001 Shredded Scrap

<b>Commodity Code</b> 557588	<b>PURCHASED MATERIALS SPECIFICATION/PRODUCT PARAMETER ARCELORMITTAL RIVERDALE</b>	<b>Origination Date</b> 01/01/86	<b>Material No.</b> 531.001																																	
<b>Inventory Account No.</b> 11302	Data herein contained should NOT be divulged to anyone outside Arcelor Mittal without specific permission from Operating Technology Material and Product quality	<b>Revision Date</b> 5/28/2009	<b>Rev. No.</b> 10																																	
<b>Material Classification:</b> SCRAP																																				
<b>Name of Material (generic/proprietary):</b> SHREDDED SCRAP																																				
<b>Product Characteristic</b> – AIM – TOLERANCE (TRADE ASSOC., ENG. SOCIETY STD., Arcelor Mittal STD., VENDOR STD., ETC.):																																				
<b>Physical Description:</b> Homogeneous steel scrap magnetically separated and hand cleaned, originating from automobiles, unprepared No. 1 and No. 2 steel, miscellaneous baling and sheet scrap. Free of steel turnings and borings, mill scale, iron oxides, cast iron runouts, excessive amounts of fluff rubber and metallic dirt. <b>Size:</b> No individual piece will be longer than 1 foot. <b>Density:</b> 65 - 75 lbs/cf minimum typical <b>Chemistry:</b> Copper 0.20%      Tin 0.01%      Chromium 0.10%      Sulfur 0.04%      Nickel 0.10% Phosphorus 0.04%      Moly 0.02%  Purchased scrap shall not contain radioactive, toxic or hazardous materials. All costs associated with the clean-up and handling of such materials shall be borne by the supplier.																																				
<b>Special Instructions/Packaging:</b> Packaging: ISC only accepts shredded scrap from pre-approved and inspected sources.																																				
<b>Supplier Controls:</b> <b>Testing Options:</b> <ul style="list-style-type: none"><li>• Visual inspection of each shipment.</li><li>• Periodic unannounced yard inspections.</li><li>• Shipments may be subjected to spectrographic analysis for chemical conformance, as required.</li><li>• Shipment densities will be visually monitored on receipt.</li></ul>																																				
<b>Disposition of Non-Conforming Material by using Department/Purchasing</b> Reject and return to supplier at his cost.																																				
<b>Using Departments:</b> <b>Approvals:</b>																																				
<b>Exclusions:</b> Sealed units or closed containers are specifically excluded. Material will not include the following metallics: <table border="0"><tr><td>Drive train parts</td><td>Borings</td><td>Rebar</td><td>Barrels</td></tr><tr><td>Electric motors</td><td>Rolls</td><td>Cast iron</td><td>Free copper</td></tr><tr><td>Scale</td><td>Engine blocks</td><td>Large appliances (white)</td><td>Heavy lubricants</td></tr><tr><td>Fuel tanks</td><td>Terneplate</td><td>Wire mesh</td><td>Pipe valves</td></tr><tr><td>Turnings</td><td>Tanks/cylinders</td><td>Tinplate</td><td>High pressure pipe</td></tr><tr><td>Springs</td><td>Filters</td><td></td><td></td></tr></table> Material will not include excessive amounts of non-metallics such as: <table border="0"><tr><td>Concrete</td><td>Dirt</td><td>Hazardous waste</td><td>Oils</td></tr><tr><td>Toxic waste</td><td>Wood</td><td>Tires</td><td>Plastics</td><td>Fluff rubber</td></tr></table> And any other non-conductor or contaminant not listed above.				Drive train parts	Borings	Rebar	Barrels	Electric motors	Rolls	Cast iron	Free copper	Scale	Engine blocks	Large appliances (white)	Heavy lubricants	Fuel tanks	Terneplate	Wire mesh	Pipe valves	Turnings	Tanks/cylinders	Tinplate	High pressure pipe	Springs	Filters			Concrete	Dirt	Hazardous waste	Oils	Toxic waste	Wood	Tires	Plastics	Fluff rubber
Drive train parts	Borings	Rebar	Barrels																																	
Electric motors	Rolls	Cast iron	Free copper																																	
Scale	Engine blocks	Large appliances (white)	Heavy lubricants																																	
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Toxic waste	Wood	Tires	Plastics	Fluff rubber																																
Spectrographic analysis of shipment assays may be performed as required. Rejections will be made based on extreme non-typical analysis.																																				

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Doc. Type: WI - Scrap Spec

Doc. Number: 531.001 Rev. Date: 05/28/2009

Title: Shredded Scrap

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REVISIONS		
#6	06/26/97	revised Supplier Controls / Testing Options but revision not noted
#7	09/24/01	revised using departments to add IIBC and IIFP to department names
#8	09/23/03	revised using department to remove IIBC and IIFP
#9	04/11/08	revised company name and using department; added "Fluff Rubber" to Exclusion section / non-metallics
#10	05/28/09	revised format, revised document title and added section for revision history, revised using department

Doc. Type: WI - Scrap Spec

Doc. Number: 513.001 Rev. Date: 05/28/2009

Title: Plate & Structural



## 513.001 Plate & Structural

Commodity Code	PURCHASED MATERIALS SPECIFICATION/PRODUCT PARAMETER ARCELORMITTAL RIVERDALE				Origination Date	Material No.																																
557572	Data herein contained should NOT be divulged to anyone outside the ArcelorMittal without specific permission from Operating Technology Material and Product quality				3/11/87	513.001																																
Inventory Account No. 11298					Revision Date: 5/28/2009	Rev. No. 10																																
<b>Material Classification:</b> SCRAP																																						
<b>Name of Material (generic/proprietary):</b> PLATE AND STRUCTURAL (ALSO KNOWN AS P & S)																																						
<b>Product Characteristic</b> – AIM – TOLERANCE (TRADE ASSOC., ENG. SOCIETY STD., ARCELORMITTAL STD., VENDOR STD., ETC.):																																						
<b>Physical Description:</b> Cut structural and plate scrap. Could be from the demolition of obsolete buildings, machine structure, towers, etc., or the offal of new manufacturing from plate and structural steel products. <b>Size:</b> ¼" minimum steel thickness. Individual pieces not to exceed 2' x 5' x 4" in any dimension or weigh more than 1,600 pounds per piece. <b>Density:</b> 45 pounds per cubic foot minimum per shipment. <b>Chemistry:</b> Carbon 0.30%      Copper 0.20% max      Manganese 0.65%      Tin 0.01% max      Sulfur 0.040% Nickel 0.07% max      Phosphorus 0.033%      Moly 0.02% max      Silicon 0.34%      Chromium 0.16% max  Purchased scrap shall not contain radioactive, toxic or hazardous materials. All costs associated with the clean-up and handling of such materials shall be borne by the supplier.																																						
<b>Special Instructions/packaging:</b> Packaging: Excessive amounts of pipe and tubing greater than 10% in volume will be cause for rejection. Skeleton plate may NOT be included in P&S shipped to Plant 2. Plant 4 application must meet the chemical requirements of this specification. Skeleton plate will be analyzed to insure conformance.																																						
<b>Supplier Controls:      Testing Options:</b> <ul style="list-style-type: none"><li>• Visual inspection of each shipment.</li><li>• Periodic unannounced yard inspections.</li><li>• Shipments may be subjected to spectrographic analysis for chemical conformance, as required.</li><li>• Shipment densities will be visually monitored on receipt.</li></ul>																																						
<b>Disposition of Non-Conforming Material by using Department/Purchasing</b> Reject and return to supplier at his cost.																																						
<b>Using Departments:</b> <b>Approvals:</b>																																						
Exclusions: Sealed units (cylinders) or closed containers are specifically excluded. Processed sealed units (cylinders) or closed containers are also specifically excluded. Material will not include the following metallics: <table><tr><td>Drive train parts</td><td>Borings</td><td>Rebar</td><td>Barrels</td></tr><tr><td>Electric motors</td><td>Rolls</td><td>Cast iron</td><td>Free copper</td></tr><tr><td>Scale</td><td>Engine blocks</td><td>Large appliances (white goods)</td><td>Heavy lubricants</td></tr><tr><td>Fuel tanks</td><td>Terneplate</td><td>Wire mesh</td><td>Pipe valves</td></tr><tr><td>Turnings</td><td>Tanks/cylinders</td><td>Tinplate</td><td>High pressure pipe</td></tr><tr><td>Springs</td><td>Filters</td><td>Skeleton Plate (Plant 2 only)</td><td>Die sets Babbitt</td></tr></table> Material will not include non-metallics such as: <table><tr><td>Concrete</td><td>Dirt</td><td>Hazardous waste</td><td>Oils</td></tr><tr><td>Toxic waste</td><td>Wood</td><td>Tires</td><td>Plastics</td></tr></table> And any other non-conductor or contaminant not listed above.							Drive train parts	Borings	Rebar	Barrels	Electric motors	Rolls	Cast iron	Free copper	Scale	Engine blocks	Large appliances (white goods)	Heavy lubricants	Fuel tanks	Terneplate	Wire mesh	Pipe valves	Turnings	Tanks/cylinders	Tinplate	High pressure pipe	Springs	Filters	Skeleton Plate (Plant 2 only)	Die sets Babbitt	Concrete	Dirt	Hazardous waste	Oils	Toxic waste	Wood	Tires	Plastics
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Toxic waste	Wood	Tires	Plastics																																			
Spectrographic analysis of shipment assays may be performed as required. Rejections will be made based on extreme non-typical analysis.																																						



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Doc. Type: WI - Scrap Spec

Doc. Number: 513.001 Rev. Date: 05/28/2009

Title: Plate & Structural

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#### REVISIONS

#6	07/18/02	revised using departments
#7	09/23/03	revised Special Instructions/packaging from "Packaging: Excessive amounts of pipe and tubing greater than 10% in volume will be cause for rejection. Skeleton plate must meet the chemical requirements of this specification. Skeleton plate will be analyzed to insure conformance." to "Packaging: Excessive amounts of pipe and tubing greater than 10% in volume will be cause for rejection. Skeleton plate may NOT be included in P&S shipped to Plant 2. Plant 4 application must meet the chemical requirements of this specification. Skeleton plate will be analyzed to insure conformance." Revised Exclusions / Metallica to add "Skeleton Plate (Plant 2 only)".
#8	01/29/07	revised company name and using departments.
#9	04/11/08	revised Exclusions / Metallica to add "Die Sets, Babbit".
#10	05/28/09	revised format, revised document title and added section for revision history

Doc. Type: WI - Scrap Spec

Doc. Number: 543.001 Rev. Date: 05/28/2009

Title: Processed B -Scrap



## 543.001 Processed B -Scrap

Commodity Code	PURCHASED MATERIALS SPECIFICATION/PRODUCT PARAMETER ARCELORMITTAL RIVERDALE	Origination Date	Material No.
743959		09/25/96	543.001
<b>Inventory Account No.</b> 11206	Data herein contained should NOT be divulged to anyone outside ArcelorMittal without specific permission from Operating Technology Material and Product quality	<b>Revision Date</b> 5/28/2009	<b>Rev. No.</b> 4
<b>Material Classification:</b> SCRAP			
<b>Name of Material (generic/proprietary):</b> PROCESSED B-SCRAP			
<b>Product Characteristic</b> – AIM – TOLERANCE (TRADE ASSOC., ENG. SOCIETY STD., ARCELOR MITTAL STD., VENDOR STD., ETC.):			
<b>Physical Description:</b> Hammermill processed and screened B-scrap. <b>Size:</b> 1/4" x 3" <b>Density:</b> <b>Chemistry:</b> Min. 85% Fe      Sn .01% max      Phosphorus .040% max      Nickel .05%max      Sulfur .040% max Mo.02% max      Cu .11% max      Cr .04% max  Purchased scrap shall not contain radioactive, toxic or hazardous materials. All costs associated with the clean-up and handling of such materials shall be borne by the supplier.			
<b>Special Instructions/Packaging: Packaging:</b> Only sources with non-alloy product mix (i.e. BOF shops) will be accepted.			
<b>Supplier Controls:      Testing Options:</b> <ul style="list-style-type: none"><li>• Visual inspection of each shipment.</li><li>• Periodic unannounced yard inspections.</li><li>• Shipments may be subjected to spectrographic analysis for chemical conformance, as required.</li><li>• Shipment densities will be visually monitored on receipt.</li></ul>			
<b>Disposition of Non-Conforming Material by using Department/Purchasing</b> Reject and return to supplier at his cost.			
<b>Using Departments:</b>			
<b>Approvals:</b>			
<b>Exclusions:</b> Sealed units or closed containers are specifically excluded. Material will not include the following metallics: Drive train parts      Borings      Rebar      Barrels Electric motors      Rolls      Cast iron      Free copper Scale      Engine blocks      Large appliances (white)      Heavy lubricants Fuel tanks      Terneplate      Wire mesh      Pipe valves Turnings      Tanks/cylinders      Tinplate      High pressure pipe Springs      Filters Material will not include non-metallics such as: Concrete      Dirt      Hazardous waste      Oils Toxic waste      Wood      Tires      Plastics And any other non-conductor or contaminant not listed above.			
Spectrographic analysis of shipment assays may be performed as required. Rejections will be made based on extreme non-typical analysis.			
<b>REVISIONS</b> #1      06/26/97      revised Supplier Controls / Testing Options but revision not noted #2      09/23/03      revised using departments to add "2BOF/CC & 4BOF" #3      04/11/08      revised company name #4      05/28/09      revised format, revised document title and added section for revision history, revised using department			

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Doc. Type: WI - Scrap Spec

Doc. Number: 543.001 Rev. Date: 05/28/2009

Title: Processed B -Scrap

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Doc. Type: WI - Scrap Spec

Doc. Number: 509.001 Rev. Date: 05/28/2009

Title: Railroad Wheels



## 509.001 Railroad Wheels

<b>Commodity Code</b> 557566	<b>PURCHASED MATERIALS SPECIFICATION/PRODUCT PARAMETER ARCELORMITTAL RIVERDALE</b>	<b>Origination Date</b> 03/11/87	<b>Material No.</b> 509.001																																
<b>Inventory Account No.</b> 11290	Data herein contained should NOT be divulged to anyone outside the ArcelorMittal without specific permission from Operating Technology Material and Product quality	<b>Revision Date</b> 5/28/2009	<b>Rev. No.</b> 7																																
<b>Material Classification:</b> SCRAP																																			
<b>Name of Material (generic/proprietary):</b> RAILROAD WHEELS																																			
<b>Product Characteristic</b> – AIM – TOLERANCE (TRADE ASSOC., ENG. SOCIETY STD., ARCELOR MITTAL STD., VENDOR STD., ETC.):																																			
<b>Physical Description:</b> Carbon steel wheels, cast or forged, free of bearings and any other adhering matter. No alloy wheels. <b>Size:</b> <b>Density:</b> <b>Chemistry:</b> Carbon 0.30 - 0.65      Copper 0.20% max      Manganese 0.60 - 1.65      Chromium 0.15% max All Other Residuals Combined 0.15 max Purchased scrap shall not contain radioactive, toxic or hazardous materials. All costs associated with the clean-up and handling of such materials shall be borne by the supplier.																																			
<b>Special Instructions/Packaging:</b> Packaging: Axles are to be cut or removed from wheels. Prepared axles may be included with the load.																																			
<b>Supplier Controls:      Testing Options:</b> <ul style="list-style-type: none"><li>• Visual inspection of each shipment.</li><li>• Periodic unannounced yard inspections.</li><li>• Shipments may be subjected to spectrographic analysis for chemical conformance, as required.</li><li>• Shipment densities will be visually monitored on receipt.</li></ul>																																			
<b>Disposition of Non-Conforming Material by using Department/Purchasing</b> Reject and return to supplier at his cost.																																			
<b>Using Departments:</b>																																			
<b>Approvals:</b>																																			
<b>Exclusions:</b> Sealed units or closed containers are specifically excluded. Material will not include the following metallics: <table border="0"><tr><td>Drive train parts</td><td>Borings</td><td>Rebar</td><td>Barrels</td></tr><tr><td>Electric motors</td><td>Rolls</td><td>Cast iron</td><td>Free copper</td></tr><tr><td>Scale</td><td>Engine blocks</td><td>Large appliances (white)</td><td>Heavy lubricants</td></tr><tr><td>Fuel tanks</td><td>Terneplate</td><td>Wire mesh</td><td>Pipe valves</td></tr><tr><td>Turnings</td><td>Tanks/cylinders</td><td>Tinplate</td><td>High pressure pipe</td></tr><tr><td>Springs</td><td>Filters</td><td></td><td></td></tr></table> Material will not include non-metallics such as: <table border="0"><tr><td>Concrete</td><td>Dirt</td><td>Hazardous waste</td><td>Oils</td></tr><tr><td>Toxic waste</td><td>Wood</td><td>Tires</td><td>Plastics</td></tr></table> And any other non-conductor or contaminant not listed above.				Drive train parts	Borings	Rebar	Barrels	Electric motors	Rolls	Cast iron	Free copper	Scale	Engine blocks	Large appliances (white)	Heavy lubricants	Fuel tanks	Terneplate	Wire mesh	Pipe valves	Turnings	Tanks/cylinders	Tinplate	High pressure pipe	Springs	Filters			Concrete	Dirt	Hazardous waste	Oils	Toxic waste	Wood	Tires	Plastics
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<b>Spectrographic analysis of shipment assays may be performed as required. Rejections will be made based on extreme non-typical analysis.</b>																																			

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Doc. Type: WI - Scrap Spec

Doc. Number: 509.001 Rev. Date: 05/28/2009

Title: Railroad Wheels

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#### REVISIONS

- |    |          |   |
|----|----------|---|
| #3 | 10/24/01 | revised size description to "No more than 24" x 24" x 48" long with individual bundles weighing no more than 4,000 pounds (IIFP). No more than 24" x 24" x 36" long with individual bundles weighing no more than 4,000 pounds (IIBP)". ; revised using departments |
| #4 | 07/18/02 | revised using departments   |
| #5 | 11/19/03 | revision in Physical Description but cannot discern change from previous revision #4.   |
| #6 | 04/11/08 | revised Packaging from "Axles are to be cut or removed from wheels. Attached axle stubs must be no more than 12" long." to "Axles are to be cut or removed from wheels. Prepared axles may be included with the load." Revised using departments and company name.  |
| #7 | 05/28/09 | revised format, revised document title and added section for revision history   |

Doc. Type: WI - Scrap Spec

Doc. Number: 537.001 Rev. Date: 05/28/2009

Title: Steel Pit Scrap



## 537.001 Steel Pit Scrap

<b>Commodity Code</b> 557612	<b>PURCHASED MATERIALS SPECIFICATION/PRODUCT PARAMETER ARCELORMITTAL RIVERDALE</b>	<b>Origination Date</b> 01/01/86	<b>Material No.</b> 537.001																																
<b>Inventory Account No.</b> 11328	Data herein contained should NOT be divulged to anyone outside ArcelorMittal without specific permission from Operating Technology Material and Product quality	<b>Revision Date</b> 5/28/2009	<b>Rev. No.</b> 8																																
<b>Material Classification:</b> SCRAP																																			
<b>Name of Material (generic/proprietary):</b> STEEL PIT SCRAP																																			
<b>Product Characteristic</b> – AIM – TOLERANCE (TRADE ASSOC., ENG. SOCIETY STD., ARCELORMITTAL STD., VENDOR STD., ETC.):																																			
<b>Physical Description:</b> Steel reclaimed from slag processing from flat products steel making operations. Does not include blast furnace or cast iron. <b>Size:</b> No more than 4' x 3' x 9". Individual pieces should weigh no more than 4,000 pounds. Min Size: 6" x 9" x 3". <b>Density:</b> <b>Chemistry:</b> Iron Content: 85% metallic minimum      Phosphorus .040% max      Mo .03% max      Sulfur .030% max      CR .09% max SN .01% max      Ni .09% max      Cu .090% max																																			
Purchased scrap shall not contain radioactive, toxic or hazardous materials. All costs associated with the clean-up and handling of such materials shall be borne by the supplier.																																			
<b>Special Instructions/Packaging:</b> Packaging: Only sources with non-alloy product mix (i.e. BOF Shops) will be accepted.																																			
<b>Supplier Controls:      Testing Options:</b> <ul style="list-style-type: none"><li>• Visual inspection of each shipment.</li><li>• Periodic unannounced yard inspections.</li><li>• Shipments may be subjected to spectrographic analysis for chemical conformance, as required.</li><li>• Shipment densities will be visually monitored on receipt.</li></ul>																																			
<b>Disposition of Non-Conforming Material by using Department/Purchasing</b> Reject and return to supplier at his cost.																																			
<b>Using Departments:</b> <b>Approvals:</b>																																			
<b>Exclusions: Sealed units or closed containers are specifically excluded.</b> Material will not include the following metallics: <table border="0"><tr><td>Drive train parts</td><td>Borings</td><td>Rebar</td><td>Barrels</td></tr><tr><td>Electric motors</td><td>Rolls</td><td>Cast iron</td><td>Free copper</td></tr><tr><td>Scale</td><td>Engine blocks</td><td>Large appliances (white)</td><td>Heavy lubricants</td></tr><tr><td>Fuel tanks</td><td>Terneplate</td><td>Wire mesh</td><td>Pipe valves</td></tr><tr><td>Turnings</td><td>Tanks/cylinders</td><td>Tinplate</td><td>High pressure pipe</td></tr><tr><td>Springs</td><td>Filters</td><td></td><td></td></tr></table> Material will not include non-metallics such as: <table border="0"><tr><td>Concrete</td><td>Dirt</td><td>Hazardous waste</td><td>Oils</td></tr><tr><td>Toxic waste</td><td>Wood</td><td>Tires</td><td>Plastics</td></tr></table> And any other non-conductor or contaminant not listed above.				Drive train parts	Borings	Rebar	Barrels	Electric motors	Rolls	Cast iron	Free copper	Scale	Engine blocks	Large appliances (white)	Heavy lubricants	Fuel tanks	Terneplate	Wire mesh	Pipe valves	Turnings	Tanks/cylinders	Tinplate	High pressure pipe	Springs	Filters			Concrete	Dirt	Hazardous waste	Oils	Toxic waste	Wood	Tires	Plastics
Drive train parts	Borings	Rebar	Barrels																																
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Concrete	Dirt	Hazardous waste	Oils																																
Toxic waste	Wood	Tires	Plastics																																
Spectrographic analysis of shipment assays may be performed as required. Rejections will be made based on extreme non-typical analysis.																																			

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Doc. Type: WI - Scrap Spec

Doc. Number: 537.001 Rev. Date: 05/28/2009

Title: Steel Pit Scrap

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**REVISIONS**

#5	06/26/97	revised Supplier Controls / Testing Options but revision not noted
#6	09/23/03	revised size from "No more than 2' x 3' x 5". Individual pieces should weigh no more than 5,000 pounds" to "No more than 4' x 3' x 9". Individual pieces should weigh no more than 4,000 pounds. Min Size: 6" x 9" x 3"".; revised Chemistry on Mo from .02 to .03%, Sulfur from .040% to .030%, CR from .04 to .09%, Ni from .05 to .09% and added Cu .090%; revised using departments titles to remove "IIBP" and "IIFP"
#7	04/11/08	revised company name
#8	05/28/09	revised format, revised document title and added section for revision history, revised using department

Doc. Type: WI - Scrap Spec

Doc. Number: 551.001 Rev. Date: 05/28/2009

Title: Tin Can Bundles



## 551.001 Tin Can Bundles

Commodity Code	PURCHASED MATERIALS SPECIFICATION/PRODUCT PARAMETER ARCELORMITTAL RIVERDALE				Origination Date	Material No.
792464	Data herein contained should NOT be divulged to anyone outside ArcelorMittal without specific permission from Operating Technology Material and Product quality				12/05/00	551.001
Inventory Account No. 11303					Revision Date 5/28/2009	Rev. No. 3
Material Classification: SCRAP						
Name of Material (generic/proprietary): TIN CAN BUNDLES						
Product Characteristic – AIM – TOLERANCE (TRADE ASSOC., ENG. SOCIETY STD., ARCELORMITTAL STD., VENDOR STD., ETC.):						
Physical Description: Hydraulically compressed bundles of used & new tin cans, clippings, skeleton scrap.						
Size: No more than 24" x 24" x 48" long with individual bundles weighing no more than 4000 pounds (IIFP).						
Density: 75 pounds per cubic foot minimum.						
Chemistry:						
Carbon 0.06%	Copper 0.03% max.	Manganese 0.32%	Sulfur 0.011%	Nickel 0.03% max		
Moly 0.01% max	Phosphorus 0.011%.	Chromium 0.03% max.	Silicon 0.03%	Tin 0.35% max.		
Purchased scrap shall not contain radioactive, toxic or hazardous materials. All costs associated with the clean-up and handling of such materials shall be borne by the supplier.						
Special Instructions/Packaging: Bundles may not contain any closed or charged cylinders such as aerosol cans.						
Supplier Controls:    Testing Options:						
<ul style="list-style-type: none"><li>• Visual inspection of each shipment.</li><li>• Periodic unannounced yard inspections.</li><li>• Shipments may be subjected to spectrographic analysis for chemical conformance, as required.</li><li>• Shipment densities will be visually monitored on receipt.</li></ul>						
Disposition of Non-Conforming Material by using Department/Purchasing						
Reject and return to supplier at his cost.						
Using Departments:						
Approvals:						
Exclusions: Sealed units or closed containers are specifically excluded.						
Material will not include the following metallics:						
Drive train parts	Borings	Rebars	Barrels			
Electric motors	Rolls	Cast iron	Free copper			
Scale	Engine blocks	Large appliances (white)	Heavy lubricants			
Fuel tanks	Ternplate	Wire mesh	Pipe valves			
Turnings	Tanks/cylinders		High pressure pipe			
Springs	Filters					
Material will not include excessive amounts of non-metallics such as:						
Concrete	Dirt	Hazardous waste	Oils			
Toxic waste	Wood	Tires	Plastics			
And any other non-conductor or contaminant not listed above.						
Spectrographic analysis of shipment assays may be performed as required. Rejections will be made based on extreme non-typical analysis.						
REVISIONS						
#1	09/23/03	revised description from" All new tin steel sheet scrap, clippings, or skeleton scrap. Hydraulically compressed" to "Hydraulically compressed bundles of used & new tin cans, clippings, skeleton scrap." Revised Exclusions to delete "tinplate"				
#2	04/11/08	revised company name				
#3	05/28/09	revised format, revised document title and added section for revision history, revised using departments				



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Doc. Type: WI - Scrap Spec

Doc. Number: 551.001 Rev. Date: 05/28/2009

Title: Tin Can Bundles

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Doc. Type: WI - Scrap Spec

Doc. Number: 552.001 Rev. Date: 05/28/2009

Title: Tin Plate Bundles



## 552.001 Tin Plate Bundles

<b>Commodity Code</b> 842342	<b>PURCHASED MATERIALS SPECIFICATION/PRODUCT PARAMETER ARCELORMITTAL RIVERDALE</b>	<b>Origination Date</b> 05/16/02	<b>Material No.</b> 552.001
<b>Inventory Account No.</b> 11304	Data herein contained should NOT be divulged to anyone outside ArcelorMittal without specific permission from Operating Technology Material and Product quality	<b>Revision Date</b> 5/28/2009	<b>Rev. No.</b> 4
<b>Material Classification:</b> SCRAP			
<b>Name of Material (generic/proprietary):</b> TIN PLATE BUNDLES			
<b>Product Characteristic</b> – AIM – TOLERANCE (TRADE ASSOC., ENG. SOCIETY STD., Arcelor Mittal STD., VENDOR STD., ETC.):			
<b>Physical Description:</b> All new tin steel sheet scrap, clippings, or skeleton scrap. Hydraulically compressed. No mandrel wound side trim. <b>Size:</b> No more than 24" x 24" x 48" long with individual bundles weighing no more than 4000 pounds (IIFP). <b>Density:</b> 100 pounds per cubic foot minimum. <b>Chemistry:</b> Carbon 0.06%      Copper 0.06% max.      Manganese 0.32%      Sulfur 0.011%      Nickel 0.03% max Moly 0.01% max      Phosphorus 0.011%.      Chromium 0.03% max.      Silicon 0.03%      Tin 0.35% max. Purchased scrap shall not contain radioactive, toxic or hazardous materials. All costs associated with the clean-up and handling of such materials shall be borne by the supplier.			
<b>Special Instructions/Packaging:</b> Bundles may not contain any closed or charged cylinders such as aerosol cans.			
<b>Supplier Controls:      Testing Options:</b> <ul style="list-style-type: none"><li>• Visual inspection of each shipment.</li><li>• Periodic unannounced yard inspections.</li><li>• Shipments may be subjected to spectrographic analysis for chemical conformance, as required.</li><li>• Shipment densities will be visually monitored on receipt.</li></ul>			
<b>Disposition of Non-Conforming Material by using Department/Purchasing</b> Reject and return to supplier at his cost.			
<b>Using Departments:</b> <b>Approvals:</b>			
<b>Exclusions:</b> Sealed units or closed containers are specifically excluded. Material will not include the following metallics: Drive train parts      Borings      Rebars      Barrels Electric motors      Rolls      Cast iron      Free copper Scale      Engine blocks      Large appliances (white)      Heavy lubricants Fuel tanks      Ternplate      Wire mesh      Pipe valves Turnings      Tanks/cylinders      Mandrel wound side trim      High pressure pipe Springs      Filters Material will not include non-metallics such as: Concrete      Dirt      Hazardous waste      Oils Toxic waste      Wood      Tires      Plastics And any other non-conductor or contaminant not listed above.			
Spectrographic analysis of shipment assays may be performed as required. Rejections will be made based on extreme non-typical analysis.			
<b>REVISIONS</b> #1      06/25/02      revised physical description but change not noted. #2      01/29/07      revised company name, revised using department from "#2 BOF/CC & #4 BOF" to "#2 SP & #4 SP", revised exclusion to add "Mandrel wound side trim" #3      04/11/08      revised Density from "75 pounds per cubic foot minimum" to "100 pounds per cubic foot minimum", revised Chemistry on Copper from "0.03%" to "0.06%" #4      05/28/09      revised format, revised document title and added section for revision history			

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Title: Tin Plate Bundles

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