



ALUMINUM TRADING & CONSULTING, INC

Oficina : Sector Industrial Matanzas, Puerto Ordaz, Venezuela.
Teléfono: 58-412-817-8359

Scrap Steel Presentation

Puerto Ordaz, January 24, 2013

Dear Sirs

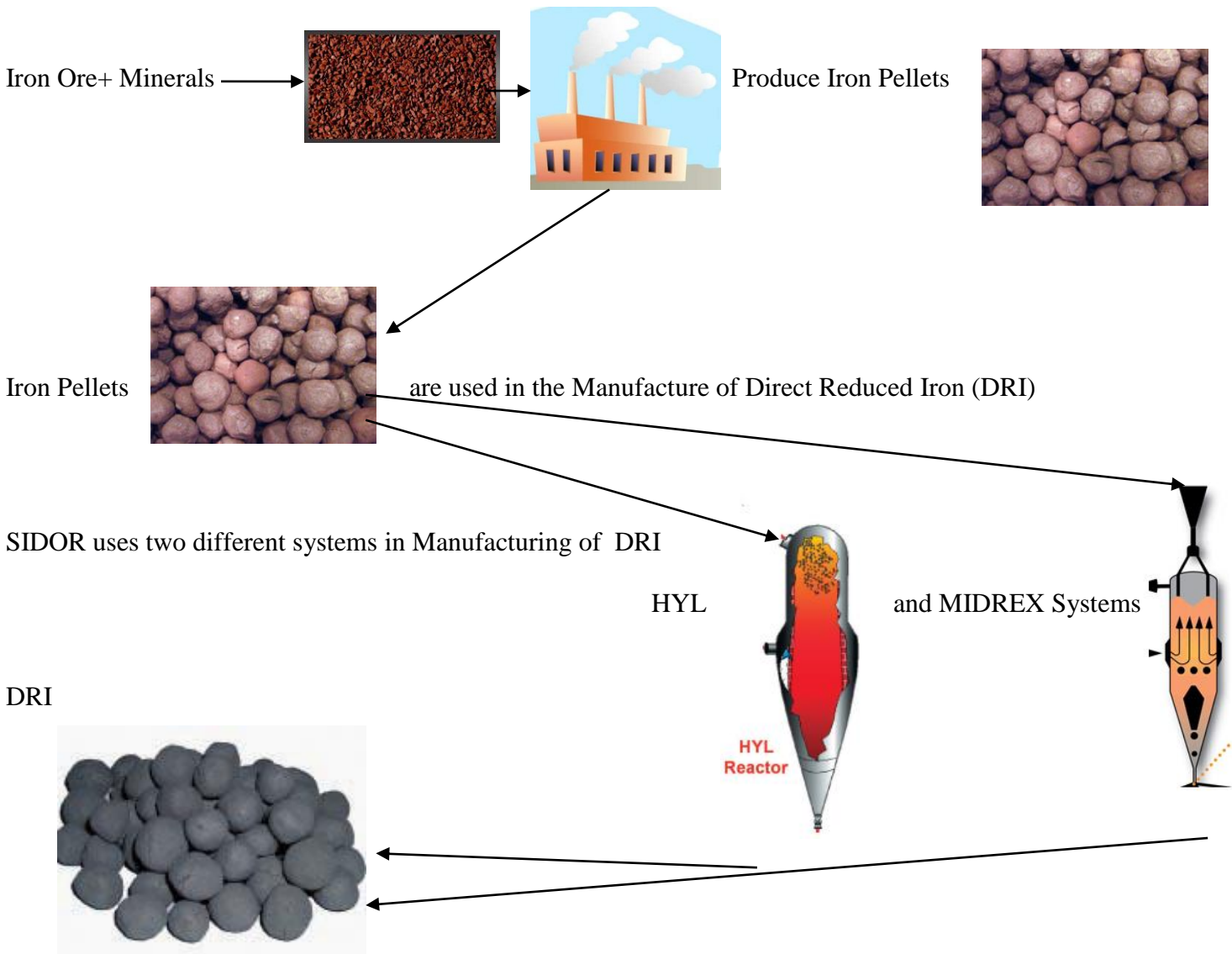
We can offer Scrap Steel from the manufacturing process of SIDOR Siderurgica del Orinoco.

SIDOR manufactures steel using Electric Arc Furnace. The furnances are fed almost entirely with Direct Reduced Iron (DRI).

The DRI is made in SIDOR and they use HLY and Midrex ovens to manufacture the DRI. These ovens in turn are fed with Iron pellets which are also manufactured in SIDOR.

DRI is introduced into the Electric Arc Furnaces where the steel making process is performed and the slag is removed. It is poured into a Ladle furnace. From the ladle furnace the steel is poured into continuous casters.

Steel Manufacturing Process SIDOR. SIDOR performs the following functions when they produce steel:





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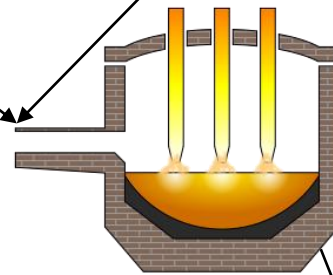
DRI



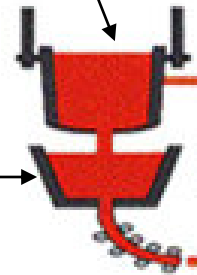
Mill Scale



DRI and Mill Scale are fed to the Electric Arc Furnace to produce Steel



Steel is poured onto ladles that separate slag from the steel. Steel without slag is poured into continuous casters that make the different steel products SIDOR offers.



Continous Caster or Tundish

The slag is poured onto special ladles. When the slag is poured into the ladles some steel spills into the slag ladle. The slag in the ladles is poured out to cool.





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The spilt steel in the slag ladle, cools with the slag and we have the following steel shell left



Also the continuous casters when they reach the end of the pour, with the steel ladle, some of the steel is left in the caster or tundish. These are also put out to cool



Both of the Steel Shells and the Tundish we are offering as scrap.



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This scrap we take to our facilities and we separate the shells and Tundish from the slag.



The Tundish and the shells are stockpiled and ready to be shipped to be shipped.



We at Aluminum Trading & Consulting, Inc. are ready to export this scrap product. As you will see in the Laboratory reports of this product, the Ferrous content of this product is extremely high. Much higher than what is obtained from HMS 1 & 2 scrap metal.

We are ready to export, and have arrangements with a private dock to receive and load the product.

We remain, yours sincerely,

P: ALUMINUM TRADING & CONSULTING CORP.

José Manuel Mustafa Flores
Presidente

ALUMINUM
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