

CO2 IMPACT OF OCTG SCRAPPING



R A M TUBULARS

REDUCING YOUR CO2 IMPACT IS POSSIBLE

Today, most crude steel is produced by reducing iron or using coal. The processes used by industry's blast furnaces are highly energy intensive and rely on fossil carbon as a fuel. For each tonne of steel produced in the conventional blast furnace basic oxygen furnace route, between 1.4 and 3 tonnes of CO₂ are released into the atmosphere.

Metal recycling of the finished end product seems to be the most obvious way to reduce emissions: steel is recyclable and in 2019 just 22% of globally produced steel was made by remelting (recycling) scrap. But this type of recycling still has an environmental impact.

But there is an even more efficient way of handling this material - repurposing it, instead of scrapping.

For over 20 years at RAM Tubulars, we have worked hard to avoid the unnecessary step of resmelting the goods. By taking an already manufactured product and repurposing it into another industry with either limited or no modifications involved to the original product, the full resmelting cycle can be avoided, and with it the CO₂ impact on the environment.



REPURPOSING OCTG IS THE MOST ENVIRONMENTALLY FRIENDLY OPTION

With industry-leading environmental accreditation, we are well versed in all aspects of tubulars reuse. By cleaning used or surplus tubulars, organising inspections, and relevant preparations, we can increase the value to material that others see as scrap.

We work with the oil and gas industry's biggest players in decommissioning and OCTG disposal, all focusing on repurposing the product, extending its life into other industries while offering a superior environmentally friendly option.

INTERNATIONAL STANDARDS PROVIDE TRANSPARENCY

As the foundation for our initiatives, RAM Tubulars uses the standards set forth in the GHG Protocol. The GHG Protocol supplies the world's most widely used greenhouse gas accounting standards.

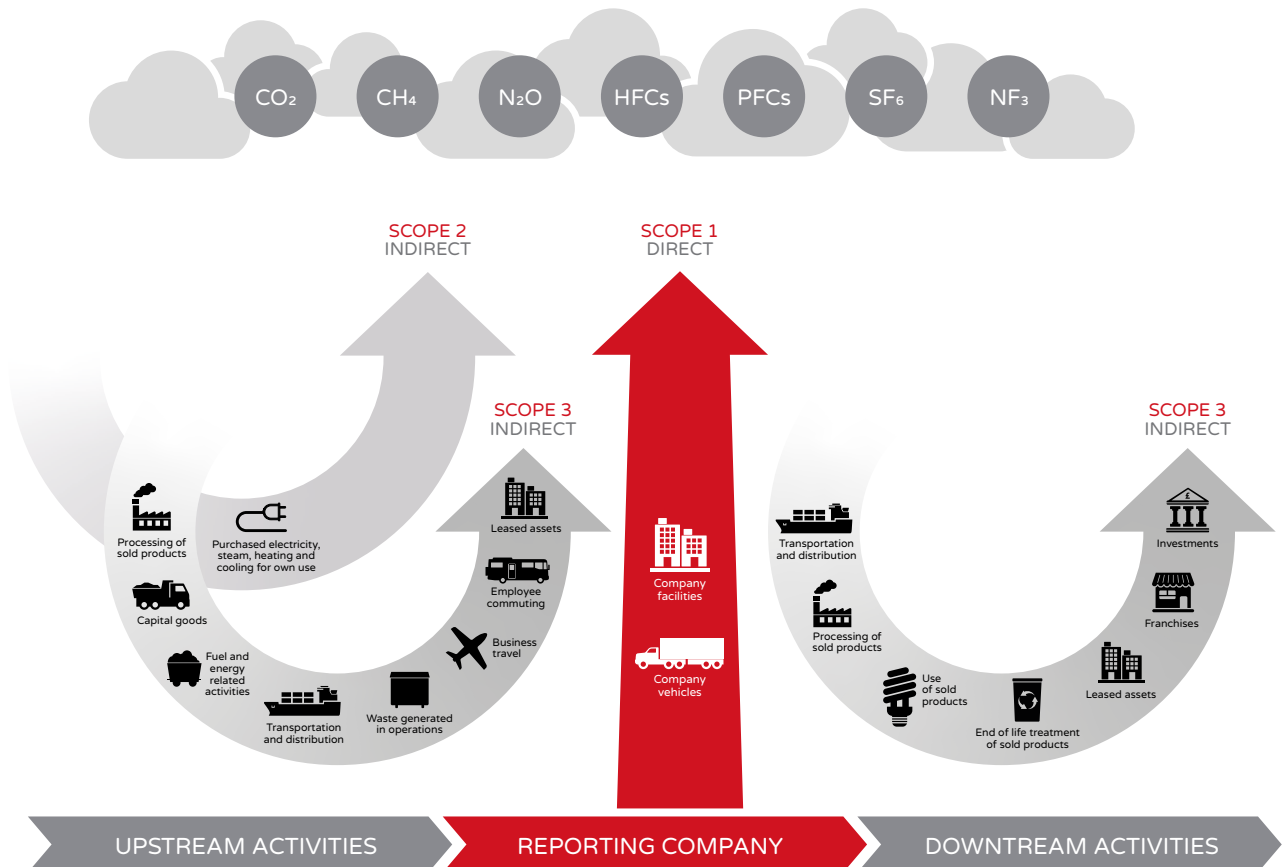
The standards are designed to provide a framework for businesses, governments, and other entities to measure and report their greenhouse gas emissions in ways that support their missions and goals.

In 2016, 92% of Fortune 500 companies responding to the CDP used GHG Protocol. It provides the accounting platform for virtually every corporate GHG reporting program in the world.

Our repurposing of OCTG specifically helps address your company's Scope 3, Category 5 - "Waste generated from Operations" emissions.

RAM Tubulars have the setup in place to issue accurate statements of the exact CO2 impact your repurposing had on the environment.

Get in touch with us to hear more.



FACT SHEET

8%

OF THE WORLD'S
CO2 EMISSIONS
COME FROM STEEL
PRODUCTION

1.5-3

TONNES OF CO2 IS
RELEASED PER
TONNE OF STEEL
PRODUCED



REPURPOSING OCTG IS THE MOST
ENVIRONMENTALLY FRIENDLY
OPTION FOR USED STEEL