

# PRODUCING STEEL THROUGH THE MODERN CONVERTER PROCESS

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HELPFUL LINK: <https://technologystudent.com/joints/iron5.html>

1. What happens to the temperature when adding scrap iron / steel?

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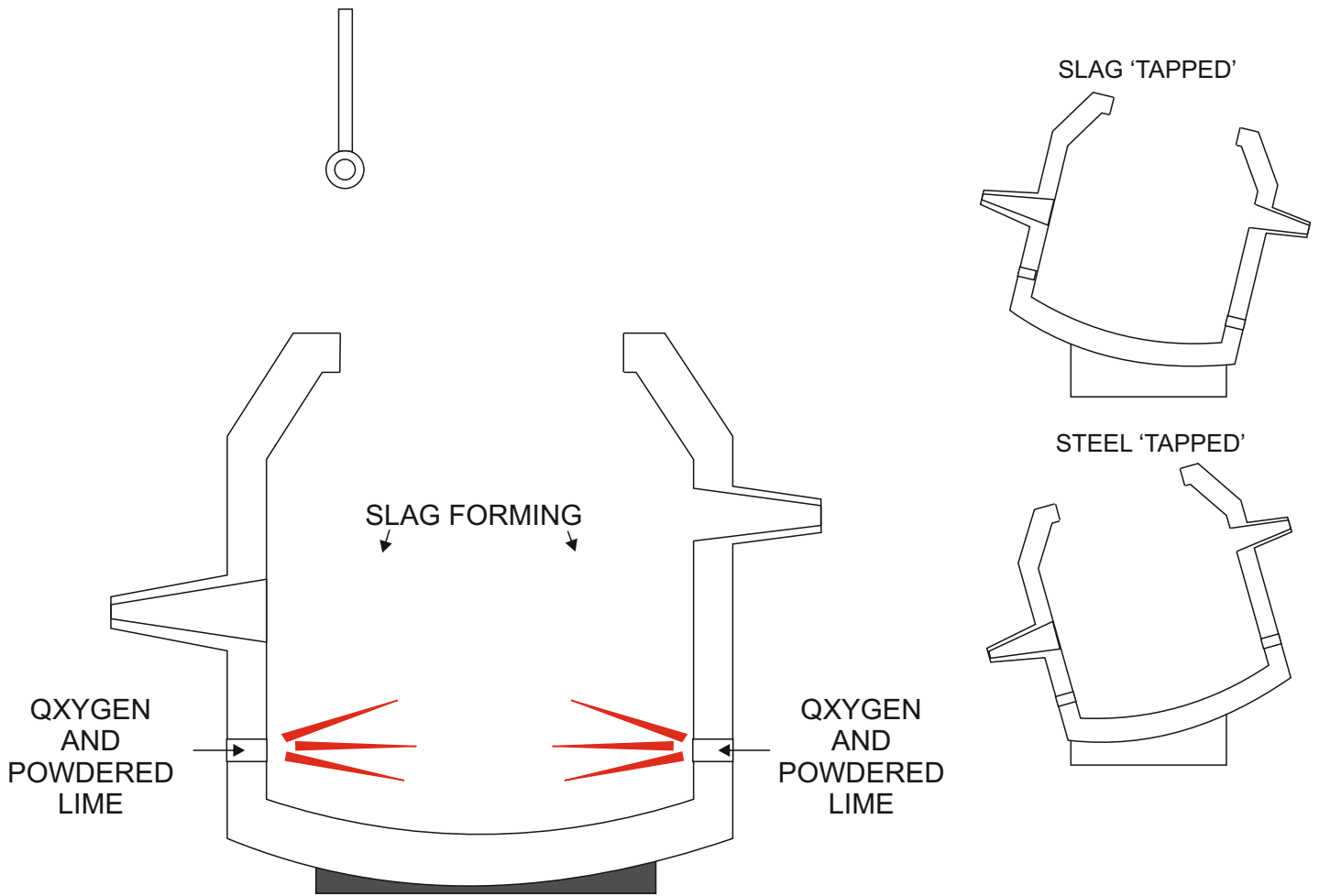
2. What is the purpose of the high pressure stream of oxygen and powdered lime?

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3. Complete the diagram below, showing the steel making process. Add the missing parts and labels.



4. Complete the table below, by adding the grade of steel or the percentage of carbon.

GRADE OF STEEL	PERCENTAGE OF CARBON
LOW CARBON STEEL	
	0.1 TO 0.33
	0.34 TO 0.6
HIGH CARBON STEEL	
TOOL STEEL	