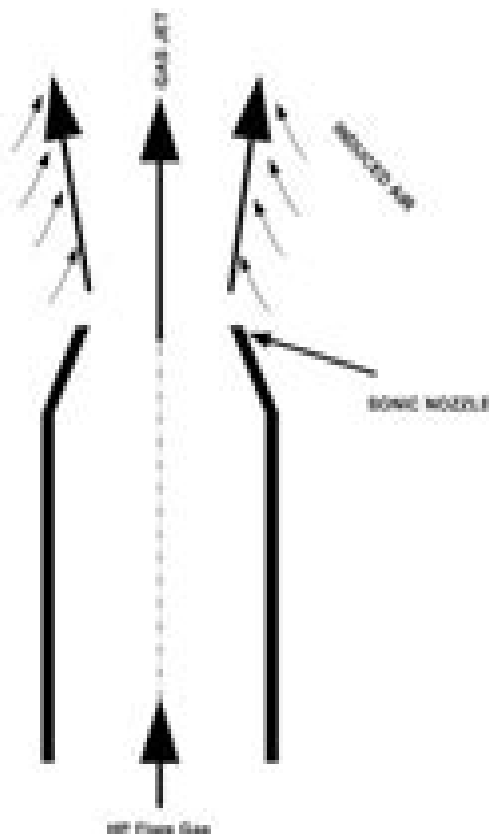


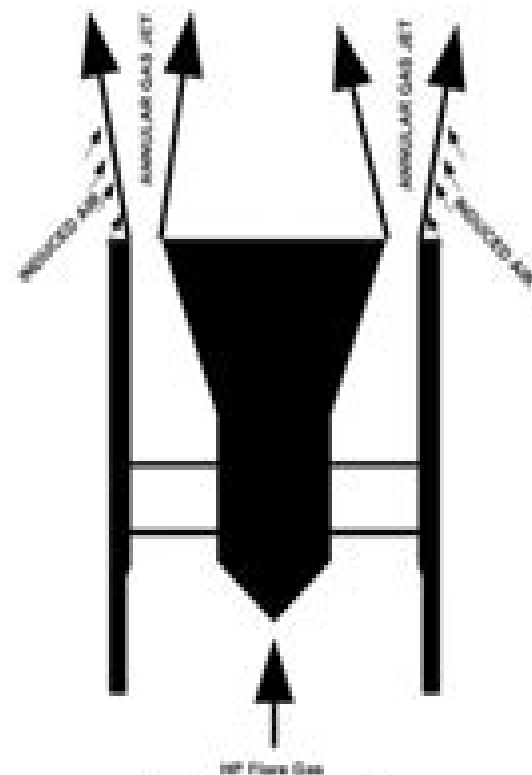
Mixing Depth =  
 $\frac{1}{2}$  Diameter!

**SINGLE NOZZLE  
 DESIGN**



Mixing Depth =  
 ~50-150mm

**HP CONE  
 FLARE NOZZLE**



Mixing Depth =  
 ~25-50mm

**CSF INSERT  
 FLARE NOZZLE**

# Gas Flare Design Guide

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A red circular graphic with a gradient, appearing as a stylized sun or a lens flare, positioned to the right of the Federal Aviation Administration text.

## Gas Flare Design Guide:

Guidelines for Pressure Relief and Effluent Handling Systems CCPS (Center for Chemical Process Safety), 2010-08-31

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the process and power generation industries in particular present their o

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*Lees' Loss Prevention in the Process Industries* Frank Lees, 2005-01-10 Over the last three decades the process industries have grown very rapidly with corresponding increases in the quantities of hazardous materials in process storage or transport Plants have become larger and are often situated in or close to densely populated areas Increased hazard of loss of life or property is continually highlighted with incidents such as Flixborough Bhopal Chernobyl Three Mile Island the Phillips 66 incident and Piper Alpha to name but a few The field of Loss Prevention is and continues to be of supreme importance to countless companies municipalities and governments around the world because of the trend for processing plants to become larger and often be situated in or close to densely populated areas thus increasing the hazard of loss of life or property This book is a detailed guidebook to defending against these and many other hazards It could without exaggeration be referred to as the bible for the process industries This is THE standard

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Guidelines for Siting and Layout of Facilities CCPS (Center for Chemical Process Safety),2018-04-20 This book has been written to address many of the developments since the 1st Edition which have improved how companies survey and select new sites evaluate acquisitions or expand their existing facilities This book updates the appendices containing both the recommended separation distances and the checklists to help the teams obtain the information they need when locating the facility within a community when arranging the processes within the facility and when arranging the equipment within the process units

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