

## 46. REPLACEMENT 16” DIA DIAMOND TIPPED BLADES

## 47. PETROGEN PORTABLE CUTTING TORCH SYSTEM ( PETROGEN GAS CUTTER)

### SPECIFICATIONS OF PETROGEN GAS CUTTER



01	Portable cutting torch systems shall be used by everyday liquid fuels like gasoline, diesel, and kerosene. These liquid fuels, portable system packages, provide operators with the opportunity to reduce operational safety hazards, take advantage of greater performance capabilities, and reduce operational costs. The portable cutting system shall be rugged, field cutting torch system that provides operators with all the components necessary to contact rapid hot cutting operations. Ideal for rescue or tactical use, these robust tools offers the same massive power and performance as the largest industrial system, but with a small footprint. It slices through the steel like knife, jumping air gap, cutting through layers, punching deep holes in seconds. It cuts everything from thinnest steel up to 14 inches.
02	<b>SAFETY</b> Automatic shut-off Gas cutter head and tips shall be produced a refrigeration (cold) effect.
03	<b>PERFORMANCE</b> I. Multi-layer cutting efficiency. II. Allows cutting where optimal position is not possible. III. Higher level of oxidation.
04	The flame temperature of the gas cutter ranges not less than 5000 degrees Fahrenheit (forceful flame).
05	Oxygen fuel cutting system should be such that completely filled oxygen cylinder and fuel Cylinder should be able to cut at least 2 inch thick steel for more than 90 min.
06	The package shall include a trans-fill cable for field expedient filling of the jumbo-D bottle from a large bottle, as well as a adapter to allow operators to use medical oxygen bottles.
07	Comprising of main components as under: (A) Liquid Fuel Torch (20 inch, 90 degree) (B) Cutting Tips (0, 81, & 83) (C) Liquid Fuel Hose (20 foot)
08	<b>OXYGEN HOSE (WHIP LINE - 20 FOOT)</b> i. Liquid Fuel Tank (2 quart) ii. Fuel Quick Disconnects iii. Oxygen Quick Disconnects iv. Oxygen Flashback Arrestor v. System to be supplied with Oxygen Cylinder vi. Medium Duty Oxygen Regulator (CGA 540)

vii.	Heavy Duty Igniter
viii.	Carry Case with Bracket
ix.	Filler Pigtail
x.	Medical Yoke Adapter
xi.	Spare Parts Kit
xii.	Tool Kit
xiii.	Adjustable Wrench
xiv.	Welding Gloves
xv.	Safety Glasses(Shade 5)
xvi.	Approved UL Certified