



Four Stroke Works  
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**United States  
 Department of  
 Agriculture**

**Forest  
 Service**

**San Dimas Technology  
 and Development Center**

**444 East Bonita Avenue  
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File Code: 7120 (Y763-02)

Date: May 16, 2003

Four Stroke Works  
 Attn: Jerry Leighton  
 15454 El Centro Road  
 Hesperia, CA 92345

Dear Mr. Leighton

Reference File no. Y763-02

Hardware examination and drawing review has been completed on the Stroker SX1 general purpose spark arrester submitted for qualification by waiver. Reference the correspondence of August 20, 2002.

Additional testing on the Four Stroke Works SX1 spark arrester is not necessary as this modification does not significantly affect the exhaust system or exhaust flow pattern.

The Four Stroke Works SX1 spark arrester meets the requirements of USDA Forest Service Standard 5100-1c, "Spark Arresters For Internal Combustion Engines" and is qualified for a horizontal application with a flow rating of 516 cubic feet per minute. The Four Stroke Works SX1 spark arrester was submitted as a modification of the previously qualified model general purpose spark arrester. This unit will be listed in the Spark Arrester Guide as follows:

Manufacturer & Model	Position	Rated Flow	Remarks
Four Stroke Works SX1	Multiple	516 CFM	Screen type spark arrester, see Stroker SX1

Qualification of the above-identified product indicates only that the unit of product submitted meets USDA Forest Service Standard 5100-1c. It does not imply endorsement of the product by the Department of Agriculture. The stated identification is that of the unit of product that was submitted. The Department of Agriculture assumes no responsibility for infringement of patent or copyright, for misuse of manufacturer's name, or for other misrepresentation in connection with any use made of this qualification.

Sincerely,

JOHN FEHR  
 Manager



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