


## APPENDIX IV

**Typical Filter Cigarette**



The diagram shows a horizontal cigarette. The left portion is a yellow filter with two black rings. The right portion is a grey rod. An arrow points from the word 'Filter' to the yellow portion, and another arrow points from the word 'Rod' to the grey portion.

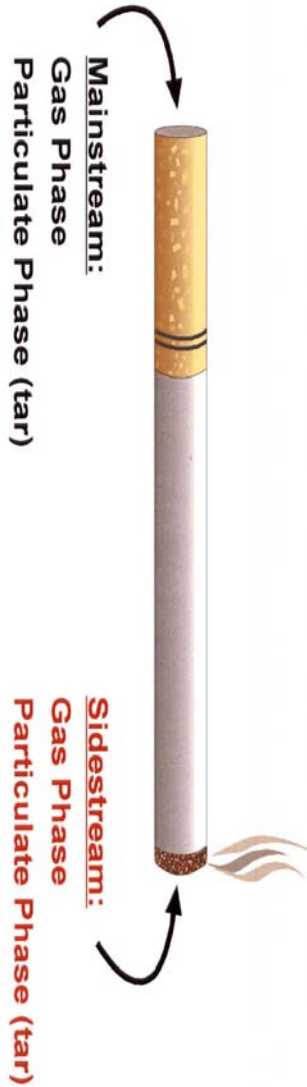
Tobacco in the rod is called “filler” and is made up of many different materials.

Bright (flue cured)	Expanded Tobacco
Burley (air cured)	Stems
Oriental/Turkish (fermented)	“Flavors”
Reconstituted tobacco	“Casings”

WF001

U.S. Ex.  
17,346

## The Burning Cigarette



Temperatures reach 900-1000 C.  
Combustion and pyrolysis reactions occur.  
Many compounds are distilled (95%).  
Reactions continue after the smoke is produced.

VF003

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