



Online Class Supporting Materials

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CLASS: 10

CHEMISTRY:9

UNIT:PRODUCTION OF METALS

TOPIC:ALLOY STEELS

1) Complete the table

Alloy steels	Constituent elements	Properties	Uses
Stainless steel	Fe, Cr, Ni, C		For the manufacture of utensils, parts of vehicles
Alnico		Magnetic nature	For the manufacture of permanent magnets
Nichrome	Fe, Ni, Cr, C	High resistance	

2. Write the use of the following.

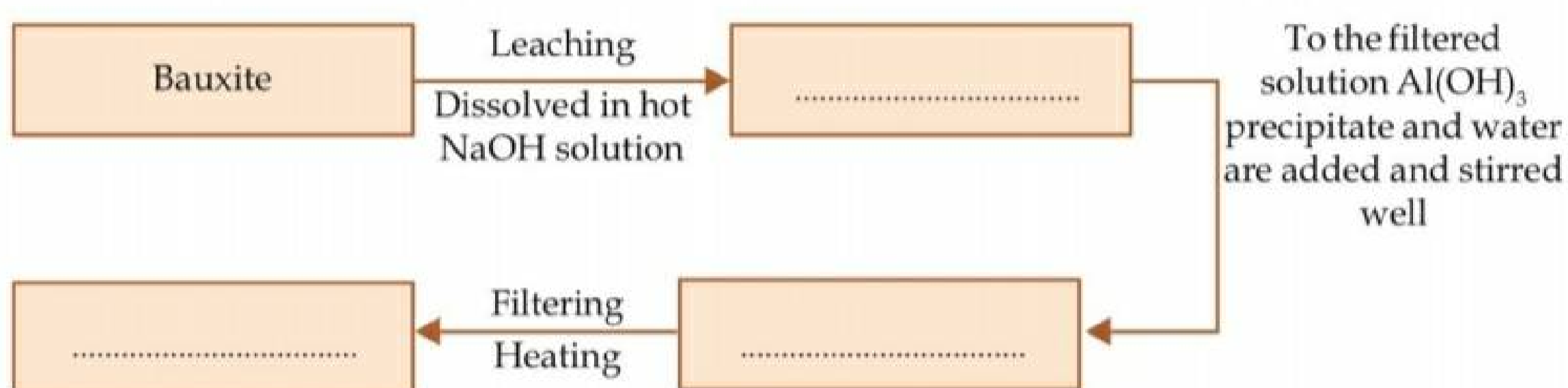
- Nichrome
- Stainless steel
- Alnico.

TOPIC: EXTRACTION OF ALUMINIUM

- 1) Certain uses of aluminium metal are given in the table. list out corresponding characteristics

Uses	Characteristics
Transmission of electricity	
Kitchen utensils	
Reflectors	

- 2) Flow diagram related to concentration of Bauxite is given below. complete the vacant columns



- 3) What is the function of cryolite in the electrolysis of alumina?
 4) Complete the table related to the electrolysis of alumina

Anode	
Cathode	
Electrolyte	
Equation of the chemical reaction at anode	
Equation of the chemical reaction at cathode	