Press Release

Chairman, Atomic Energy Commission & Secretary, Department of Atomic Energy (DAE), Shri K. N. Vyas laid the foundation stone for production of Nuclear Grade Sodium at Heavy Water Plant (HWP), Baroda on 5.1.2020. Presently, high purity sodium is required to be imported. High purity sodium finds its use for manufacture of insecticides, synthetic detergent, dyes, various vitamins and drugs, in addition to its application in fast breeder nuclear reactors. Dr. U. Kamachi Mudali, Chairman & Chief Executive, Heavy Water Board (HWB) and other senior officials of HWB were present during the occasion.

The foundation stone is being laid for industrial level production of high purity sodium based on the successful operation of the demonstration plant. After successful completion of Phase-1 and Phase-2 of the plant, it will have a capacity to produce 600 MT of sodium per year.

Activities at HWP, Baroda are also being expanded for manufacture of specially deuterated compounds which are presently being imported. Initial development of the special compounds has already been carried out, which will be manufactured at an industrial scale. A collaboration is also planned to be initiated with M.S. University, Baroda for development of deuterated drug compounds.

With these programmes, HWP, Baroda will become a centre for yet another innovative technology development and demonstration for Make in India for specialty materials.

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City to house India’s 1st nuclear-grade sodium plant

To Produce 600 Tonne Sodium Every Year

TIMES NEWS NETWORK

Vadodara: The Department of Atomic Energy (DAE) is setting up India’s first plant to produce nuclear grade sodium in Vadodara. The plant will produce 600 metric tonnes of sodium per year.

K N Vyas, chairman of the Atomic Energy Commission and DAE secretary, laid the foundation stone for the production of nuclear grade sodium at Heavy Water Plant (HWP), Baroda on Sunday. Presently, high purity sodium is imported. High purity sodium is used for manufacturing insecticides, synthetic detergents, dyes, various vitamins and drugs. It also has its application in fast breeder nuclear reactors. The foundation stone was laid for the industrial level production of high purity sodium based on the successful operation of the demonstration plant. “After the successful completion of phase-1 and phase-2 of the plant, it will have a capacity to produce 600 metric tonnes of sodium per year,” a release issued by the HWP, Baroda said.

HWP, Baroda is also expanding its capacity to manufacture specially deuterated compounds which are presently imported. “Initial development of the special compounds has already been carried out, which will be manufactured at an industrial scale,” the release further mentioned.

The HWP, Baroda is planning to initiate collaboration with M S University for the development of deuterated drug compounds. “With these programmes, the HWP Baroda will become a centre for yet another innovative technology development and demonstration for ‘Make in India’ for speciality materials,” the release stated. Dr U Ramach Muddali, chairman and chief executive of the HWP, Baroda and other senior officials of the plant were present during the foundation stone laying ceremony.

Source - Times of India, Vadodara Edition, Published on 07.01.2020

India’s first plant for nuclear-grade sodium to be set up in Vadodara

TIMES NEWS NETWORK

The Department of Atomic Energy (DAE) is setting up India’s first plant to produce nuclear grade sodium in Vadodara. The plant will produce 600 metric tonnes of sodium per year.

K N Vyas, chairman of the Atomic Energy Commission and DAE secretary, laid the foundation stone for the production of nuclear grade sodium at Heavy Water Plant (HWP), Baroda on Sunday. Presently, high purity sodium is imported. High purity sodium is used for manufacturing insecticides, synthetic detergents, dyes, various vitamins and drugs. It also has its application in fast breeder nuclear reactors. The foundation stone was laid for the industrial level production of high purity sodium based on the successful operation of the demonstration plant. “After the successful completion of phase-1 and phase-2 of the plant, it will have a capacity to produce 600 metric tonnes of sodium per year,” a release issued by the HWP, Baroda said. Apart from setting up the new sodium plant, the HWP, Baroda is also expanding its capacity to manufacture specially deuterated compounds which are presently imported. “Initial development of the special compounds has already been carried out, which will be manufactured at an industrial scale,” the release further mentioned.

The HWP, Baroda is planning to initiate collaboration with M S University for the development of deuterated drug compounds. “With these programmes, the HWP, Baroda will become a centre for yet another innovative technology development and demonstration for ‘Make in India’ for speciality materials,” the release stated. Dr U Ramach Muddali, chairman and chief executive of the HWP, Baroda and other senior officials of the plant were present during the foundation stone laying ceremony.
राजस्थान पत्रिका, अहमदाबाद, 9.01.2020

वक्रोदा में भारतीय पानी संयुक्त परिसर में परमाणु ऊर्जा आयोग के चयन रूप के परमाणु ऊर्जा विभाग के सचिव के एन. वासन ने न्यूजवर्ल्ड प्रेस सिटियम के उपकूल के लिए जिल्लान्वाय किया। इस मौके पर भारतीय पानी बोर्ड के चयन रूप के प्रमुख कर्मचारी डॉ. यु. के. मुदली की मौजूदा थी। वक्रोदा समय में उच्च गुणवत्ता सिद्धांत आयोग किया जाता है। इसलिए उच्च गुणवत्ता के सिद्धांत के विश्वसनीय रूप से 500 मेट्रिक टन सिद्धांत का प्रकाशन उपलब्ध किया जा सकेगा।

Source – Rajasthaan Patrika, Ahmadabad Edition, Published on 09.01.2020
ખેડી વોટર પ્લાંટ ભાતે સોડિયમ ઉત્પાદન પ્લાંટનો શીખાવાસ

વડોદરા, ભુવનાર

પરમાણુ સેબિવાને આધ્યાત્મિક અધ્યક્ષ અને 
પરમાણુ સેબિવાને સભિયા કો. એન. વયાસે 
નામિકિય ગ્રેડ સોડિયમ ઉત્પાદન પ્લાંટનો 
શીખાવા કર્યા. હાલમાં ઈચ્છુક શુભિતાવાના 
સોડિયમની બેદાહત કરવી પણ છે. પ્લાંટના 
પ્રથમ બે તારીક સરકારની સમાપન પછી 
અનેની સમતા વચ્ચેના વચ્ચે 800 મીટર ટ્રાન્ક સોડિયમ 
ઉત્પાદન ની થશે. હયાટ દ્વારા સમયે કેટલા 
વિકાસ ભાગે છે. એસ. એસ. 
યુનિવર્સિટી સાથે સહયોગ કરશે.