

## PRESS NOTE

Towards non-nuclear applications of heavy water for societal and industrial applications, Heavy Water Board signed a collaborative agreement with M/s SYNMR, Bangalore, for the sale of 20 tonnes of Heavy Water in a year for development of deuterium labeled compounds, NMR Solvents, d-labeled Active Pharma Ingredients. The agreement was signed by Shri V.K. Khilnaney, Director (Operation), HWB and Shri Sankar Iyer, President & CEO, SYNMR, Bangalore during the 183<sup>rd</sup> Heavy Water Board meeting held on 28.02.2018 at HWB Central Office, VS Bhavan, Mumbai.

Dr. U.Kamachi Mudali, Chairman & Chief Executive, HWB informed the Board that HWB had signed the first collaborative agreement with M/s Clearsynth, Mumbai on 22<sup>nd</sup> February, 2018 in the presence of Dr. Sekhar Basu, Secretary, DAE & Chairman, AEC, for non-nuclear applications of heavy water. These agreements and the collaborative work in this field will mark a beginning towards self-sufficiency and import substitution for deuterated compounds in the country. HWB is fulfilling its objective of societal welfare by making available deuterated compounds to domestic users manufactured through collaborative work with Indian industries. He expressed confidence that Indian expertise in this field will benefit the masses through affordable products developed by Indian Pharmaceutical and other Industries. This will also reduce domestic users dependence on imports. This is expected to encourage a drive towards R&D in the field of new formulations based on deuterated compounds, NMR solvents, and Active Pharma Ingredients (APIs).

Shri M.A.Inbarasu, Jt.Secretary (I&M), DAE informed that while signing the first agreement, Dr.Sekhar Basu, Chairman, AEC told that the department is ready to support Indian industries towards manufacturing of deuterated compounds to fulfill the mission of 'Make in India' campaign. While safeguarding the use of heavy water for the intended purpose, the advantage of Indian expertise in this field will reach masses through end products developed by Indian Pharmaceutical and other Industries.

Dr. Sankar Iyer, SYNMR, Bangalore informed that in association with HWB, they are already manufacturing and supplying commercial quantities of deuterated compounds as NMR solvents to research institutions across India as a key import substitution. Shri Shrikrishna Gupta, Head, TTCD, BARC expressed the readiness of BARC to support technology development in this field for the Indian companies by entering into collaborative arrangements on various science and technology products. Board members expressed hope that the endeavor of HWB will continue in this direction under the able guidance of Dr. Sekhar Basu, Secretary DAE.



MoU signing with M/s SYNMR in the presence of Board Members of HWB



Draft P.O. from M/s SYNMR for 1 MT of heavy water.