

**GOVERNMENT OF INDIA  
ENVIRONMENT AND FORESTS  
LOK SABHA**

UNSTARRED QUESTION NO:5153  
ANSWERED ON:05.09.2011  
USE OF LYOPHILISATION TECHNOLOGY  
Tandon Annu

**Will the Minister of ENVIRONMENT AND FORESTS be pleased to state:**

- (a) whether the Government proposes to make the use of lyophilisation technologies as one of the saltless preservation alternatives for slaughter houses and leather tanning units;
- (b) if so, the details thereof;
- (c) whether the Government has also any proposal to promote the use of lyophilisation techniques for saltless preservation of hides;
- (d) if so, the details thereof; and
- (e) the steps taken by the Government in this regard?

**Answer**

MINISTER OF STATE (INDEPENDENT CHARGE) FOR ENVIRONMENT AND FORESTS (SHRIMATI JAYANTHI NATARAJAN)

(a) to (e) The Central Pollution Control Board (CPCB) has promoted a process of saltless preservation of hides and skins which focuses on vacuum drying of hides by lyophilisation. The method is said to enable preservation of hides and skins for more than two months and is one of the alternative methods for saltless preservation of hide/skin being generated at slaughter houses. A Core Group constituted by the Ministry of Commerce and Industry, Government of India, which also has representation of the Ministry of Environment and Forests and CPCB, has undertaken the task to study various issues related to alternative technologies available for minimizing the pollution caused by slaughter houses and tannery units.