



ACTIVITY DEFINITION – RENDERING OF ANIMAL BY-PRODUCTS

For the purposes of the Jobs and Competitiveness Program, the activity of the production of protein meal consists of:

- **Description:** The physical and/or chemical transformation of raw livestock-derived animal material, where the output of the activity is processed animal protein meal (such as meat and bone meal, dried blood meal and feather meal) with a moisture content that does not exceed 10 per cent by weight and tallow (refined fat) with a moisture content that does not exceed 4 per cent by weight.

Where:

- The outputs of this activity which are to be used for the calculation of revenue are:
 - : tonnes of saleable animal protein meal with a moisture content that does not exceed 10 per cent by weight; and
 - : tonnes of saleable tallow with a moisture content which does not exceed 4 per cent by weight.
- **Basis of allocation:**
 - Tonnes of saleable animal protein meal with a moisture content that does not exceed 10 per cent by weight which results from carrying out the activity as described.
- **Inclusions:** For the purposes of the formal data assessment, emissions and electricity use which are to be included within the activity boundary are:
 - the direct emissions from, and electricity use of, machinery, equipment and processes which are integral to, and essential for, the physical and/or chemical transformation described in the activity definition, including, for example:
 - : machinery used to move materials within and as part of the activity;
 - : control rooms, laboratories, maintenance workshops;
 - : machinery used to create non-electrical energy for use in the activity;
 - : the processing of by-products where it involves the recovery of materials for re-use within the activity or is necessary for the activity to proceed as described;

- : onsite processing of by-products and waste materials from the activity to comply with Commonwealth, State or Territory obligations
- : the processing of water and wastewater used in the activity; and
- : the control of odour generated by the activity;
- waste heat recovery within the activity boundary;
- steam consumed within the activity boundary; and
- paunch cutting and washing, hogging, hashing, pre-braking, hydrolysing and/or skinning of casualty stock to prepare the animal material processing.
- **Exclusions:** For the purposes of the formal data assessment, emissions and electricity use which are to be excluded from the activity boundary are:
 - transportation of input/s used in the activity to storage at the same location as the activity;
 - transportation of the output of the activity from storage at the same location as the activity;
 - transportation of intermediate products between different sites conducting the activity;
 - activities related to meat processing at the same location;
 - complementary activities, such as packaging, head office, administrative and marketing operations, either at the same location as the activity or elsewhere;
 - emissions associated with the generation of electricity on the site where the activity is conducted¹; and
 - the generation of steam for use outside the activity.
- **References:**
 - AS/NZS 5008: 2007

¹ Assistance in relation to electricity emissions will be provided at a constant rate of 1 unit per megawatt hour of electricity consumed by an activity. The emissions associated with the generation of electricity on the site at which the activity is being conducted (or elsewhere) must therefore not be included in the estimate of direct emissions from an activity.