CRISPS PRODUCTION FLOW CHART

1. Acceptance of raw materials and packaging materials

1. **Documents verification** (consignment note, suppliers declaration of conformity, invoice, **eco-certificates**) - inspection documentary matches: weight, lot number, expiration date.
2. **Verification of transport conditions** - are environment hygienic and appropriate storage conditions .
3. **Inspection of packages of raw and packing materials**- whether the packages are intact, properly marked, included allergens, clean.
4. **Quality control of raw materials** - sensory properties (savor, texture,), moisture;
5. **Provision of an identification code** for each batch of raw material.
6. **Records in the Acceptance logs** of raw materials and packaging materials . **PRTRAP-03-01** **PRTRAP-03-02**

2. Storage of raw materials and **packaging materials**

1. **Storage requirements** - bulk dry materials in packed bags is placed on pallets at least 15 cm from the ground and 50 cm distanced from the walls, each batch - on individual pallets. Other raw materials are stored in the manufacturer's containers under the storage conditions specified by the manufacturer. FIFO.
2. **Monitoring of storage conditions in storage** - temperature and moisture - at the beginning of each shift - records in log book **PR TR** **PR TRAP-3-03**
3. **Segregation of allergens** - all allergens from Allergen list must be stored only in designated area.
4. **Segregation of ecoraw** materials - must be stored only in designated area.

3. Pellets production - Pellets EXTRUDER

1. **Pellets production** - according to technological instruction the pellets are prepared by a recipe.
2. Production is carried out **according to weekly orders** specified by department of sales .

THE PELLETS RECIPES

4. Preparing pellets mixture - MIXER

1. Mixture of pellets - by Technological instruction and Mixture recipes.
2. Determination of pellets moisture.

Mixing production sheet

Mixture labeling - *FYYMMDDKK*
Y- production year, M- month, D-day,
K- kind of mixture

5. Keeping the mixture for absorbtion

ABSORBTION TIME OF MIXTURE

6. Pouring the mixture to extruder

1. Pouring the mixture through a magnetic grids **Metal filter**.
2. Records of Metal impurities in logbook **PR TRAP-04-04.**

7. Extrusion of mixture CCP1- temperature, time - EXTRUDER

1. By **TECHNOLOGICAL INSTRUCTIONS**
2. Records in **PR TRAP- 8-01 Production sheet**

8. Seasoning - SEASONING DRUM

1. **RECIPES**

9. Packing - AUTOMATIC PACKAKING LINE CCP3

1. Delivery packaging materials to production - package checking- records in ALLERGEN LABEL VERIFICATION UPON RECEIPT AND APPLICATION TO PRODUCT
2. Packing and paletting by product specification.

PACKING, PALETTING PARAMETERS

10. Metal detection CCP2 - METAL DETECTOR

1. Metal impurities detected throw metal detector of all final product package.
2. Disposal of non-conforming product.

METAL DETECTOR

11. Quality control of final product

1. Quality control:
1.1. Sensory properties.
1.2. Laboratory control.
2. Packaging tightness tests.
3. Records.

QUALITY PARAMETRS OF PRODUCT

12. Storage

1. Monitoring of storage conditions in finised product storage - temeprature and moisture - at the beginning of each shift.
2. Records in logbook of storage finised product **PRTRAP 3-06**

13. Documentation

LOADING PARAMETERS

14. Logistic

1. Sanitary status of vehicles. Responsibility by transport provider.
2. Signature of driver on the documents.