



Address: 13, Zhukov St., Magnitogorsk, Russian Federation, 455008
Tel.: (3519) 27-23-88. Fax: (3519) 27-23-98.
E-mail: info@konsom.ru
www.konsom.ru

Instruction on Selection Conditions and Sample Preparation for Assessment of the Analyzer Con-X Applicability

1. The Customer selects from the conveyer belt **minimum 5 (we recommend 8)** samples of the transported bulk of the natural coarseness. The samples must represent all range of concentration changes of the analyzed components – at the lowest limit value, at the highest limit value and the rest – within the interval.

2. Every selected sample must be mixed and separated into two equal parts. **One part of every selected sample must be analyzed by the Customer** on the own equipment according to the offered evaluation method. **The other part of every selected sample weighing 300-500 g. must be sent to CJSC KonsOM SKS** in the stable physical state.

All the samples are to be packed in thick polyethylene packets and marked.

3. **Evaluation method of bulk samples (300-500 g.) from the conveyer on the Customer's analytical equipment:**

- Every selected sample must be separated into four equal parts (individual samples);
- Every individual sample serves for selecting an analytical sample not weighing less than 10 g. according to the approved method;
- Analyzing the chemical composition of the analytical sample according to the Customer's method in the two parallels;
- Results of chemical composition analysis are to be presented in the chart where data of every individual sample in the two parallels are given.

It is advisable to do chemical analysis of **all the basic components**.

It is necessary to do chemical analysis of **all the components under control**.

Sample №	Individual sample №	Parallel №	Component 1 (%)	Component... (%)
1	1.1	1.1.1		
		1.1.2		
	1.2	1.2.1		
		1.2.2		
2	2.1	2.1.1		
		2.1.2		
	2.2	2.2.1		
		2.2.2		

Head of the
Research and development department of
CJSC KonsOM SKS

A.I.Ushero