Vina Flame
Vietnam VEC Limited Company
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Dear customer

Thank you for your interested in our charcoal please check some information about our business.

Making white charcoal and Black charcoal process:

White charcoal:

1. First of all we have to collect timer (in our case we used Lichi tree it's very good tree in our local, and lasting tree because normally people have to pruning some hand tree for another young hand tree grow up, normally they will cut 5-6 hand tree and we can collect approximately 100kg per one tree.

2. The sencond: ater collect timer we have to selection timber because in making white charcoal process it must same size or same old it's good for similar canonization process. Normally we sellection 3 size: Small / Medium / Large.



Sellectiong timber

After sellect we will keep some day to dry timber (moisture of timber shold 35%-40%) after checked we will move timber to kilns for burning. In Viet nam way we put timber stand to burn it's keep charcoal will become good.

Time of burning 10 days:

Step 1: Burning: after check all gate of kiln it's must be close, we will burning directly in the kilns and flame will be run in the kilns, this step 3-4 days. this step temperature will be 450-500 degrees and this step we keep small gate to open it's keep O2 can go to inside and keep burning process for all.



Close the gate and prepare for burning

Step 2: ater timber burning 4 days expert have to check smoke to close the gate of kilns. This step it's very important of making charcoal because if you didn't know it's will change charcoal to ask immediately. After close the kiln 4 days, and check the smoke it's disappear, and scent of timber change. it's starting to next important step.



Check Smoke to prepare next step

Step 3: Open kilns this step should 2days: first of all we will open very small hole (10-12 cm) this step very important to rise up from 500 to 800 degrees in 4,5-5 hours. Ater 24h open we will opend more and this step we have to check every time temperature of kilns and check how charcoal see. atter 30 hours, all flame in the kiln disappear, we will open sub-gate, this step prepare for next step.



Open Kiln Gate

Step 4: Put out charcoal: this step it's very hard working because temperature of charcoal now nearly 1250 degrees. This timer worker have to move burning charcoal to cabin and then they have to close this cabin very close to protect charcoal from air, this step charcoal temperature will be down.



Put out charcoal from klin.



Move to Cabin to Recabonization and Cool process.



Checking charcoal in wind case





Vinacontrol

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CHỨNG THƯ GIÁM ĐỊNH VỀ PHẨM CHẤT

Số: 13C04PT2611-01
Ngày: 02/07/2013

Người yêu cầu : CÔNG TY TNHH VEC VIỆT NAM
Tên hàng khai báo : THAN CỦI (NGUỒN GỐC VẢI NHÃN RẮN CHẮC, HÀM LƯỢNG TRO 2,9%, CACBON 80%, S 0,1%, KHÔNG MÙI, KHÔNG KHÓI, NHIỆT LƯỢNG 7800 KCAL/KG, ĐỘ BỐC 4%)
Số lượng : 01 MẪU
Tờ khai Hải quan số : 2913/XKD01 NGÀY 28/06/2013 TẠI CHI CỤC HẢI QUAN CỬA KHẨU CẢNG ĐÌNH VŨ
Ngày yêu cầu giám định : 01/07/2013

KẾT QUẢ GIÁM ĐỊNH

Theo yêu cầu của CÔNG TY TNHH VEC VIỆT NAM, chúng tôi đã tiến hành kiểm tra phẩm chất của 01 mẫu hàng do người yêu cầu cung cấp. Mẫu đựng trong túi PE buộc kín trên túi có dán 01 tem niêm phong Hải quan nguyên vẹn có ký hiệu AA/12-118949. Kết quả kiểm tra như sau:

Chỉ tiêu kiểm tra	Phương pháp thử	Kết quả kiểm tra
1. Hàm lượng tro quy khô	TCVN 173:2011	2,95 %
2. Hàm lượng Lưu huỳnh quy khô	TCVN 175:1995	0,093 %
3. Hàm lượng Cacbon cố định	Tính toán	92,99 %
4. Hàm lương chất bốc quy khô	TCVN 174:2011	4,06 %
5. Giá trị toả nhiệt toàn phần quy khô	TCVN 200:2011	7.400 kcal/kg
6. Độ cứng	-	Cứng, rắn chắc
7. Ngoại quan	-	Đen, nứt nẻ

Ghi chú: *Kết quả chỉ có giá trị trên mẫu phân tích.*

Địa điểm giám định : Phòng thí nghiệm Vinacontrol Hải phòng.
Thời gian giám định : Ngày 01/07/2013 và ngày 02/01/2013.

GIÁM ĐỊNH VIÊN

Chu Minh Đức
VNC 0578

TRƯỞNG PHÒNG THÍ NGHIỆM

CÔNG TY CỔ PHẦN TẬP ĐOÀN VINACONTROL HẢI PHÒNG

Nguyễn Thị Canh
VNC 0573

TEM CHỨNG GIÁ Vinacontrol

After Burning process ended, charcoal will be put into the box to protect. And move to warehouse to sellection and packing into the carton box for export.



It’s foam box to protect best.

When charcoal move to warehouse, because when burning we sellection all of Small size,





Normally we sellection 6 kind of charcoal size but some it's near 12 kind of charcoal size Medium size and Large size so in the sellection for packing it's easier to good sellection.

Check Net weight and



Check Weight of carton

Making Black charcoal process.

Timber after cutting wil be move to factory and we will dry moisture 55%-60%.



Raw material for making Black charcoal. It's Eucalyptus tree.

1. Step 1: Put charcoal lie in the kilns it's diffirence white charcoal process. We have to sure that it's very little space in the kilns.



Dry process must be high quality of black charcoal more

2. Step 2: this step must be 20-21 days we will keep burning in the combustion for long time, this time worker have to check 24/24 and the temperature of charcoal this time 400-500 degrees. In this step expert have to check smoke 4 time per day. When the smoke a litter and change another style we will prepare for next step.



Black charcoal Kilns.



Over view of kilns for making Black charcoal.

3. Step 3: Close the kilns and awaiting for 9-10 days to cooler process.



When open gate of kilns we have to ensure that the temperature of kilns nearly out size degrees.

Put charcoal for sellection:

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Some customer required packing with nylon bag